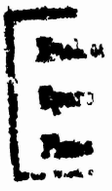

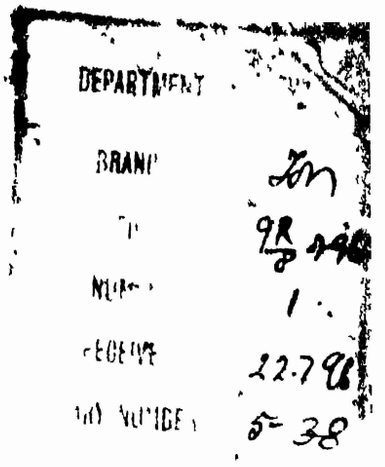

N.-W. PROVINCES AND OUDH.

FOREST DEPARTMENT

Annual Progress Report of Administration.

FOR THE FOREST YEAR ENDING 30TH JUNE 1895.

Price Rs. 4

CENTRAL CIRCLE REPORT.

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PROGRESS REPORT

OF

FOREST ADMINISTRATION IN THE CENTRAL CIRCLE

OF THE N.-W. PROVINCES AND OUDH,

For the year 1894-95.

CHAPTER I.

EXTENSION AND CONSTITUTION OF STATE FORESTS.

I.—Alteration of Area.

(*For detailed information, see Return No.* 46.)

The area of Reserved forests was shown short in the previous year's report by 1,529 acres, wrongly included under Unclassed forests in Bundelkhand. This mistake has now been rectified, with the result that, taking into account a small addition of 120 acres in the Kumaun Division (Notification No. 316F., dated the 29th May 1894), the recorded area of Reserved forests now stands at 1,715 square miles, as compared with 1,712 square miles at the beginning of the year, and that of the Unclassed forests at 30 square miles only instead of 32 square miles.

The area of Protected forests remains undisturbed.

II.—Forest Settlements.

(*For detailed information, see Return No.* 47.)

2. The areas undergoing settlement at the commencement of the year were:—

(*a*) the sub-montane portions of the Kumaun, Garhwál and Ganges Divisions, referred to in paragraph 3 of the previous year's report;

(*b*) the Protected forests of the Naini Tal Division, referred to in paragraph 4 of the previous year's report.

The former work has been completed and should shortly appear in the Local Gazette. The annual migration of the hill people to their cultivations in the Bhábar, and the subsequent obligation under which the Forest Settlement Officer (Mr. Goudge) laboured of having other duties to attend to in his capacity of Assistant Commissioner of Naini Tal, delayed the conclusion of operations in the Naini Tál Protected forests; but it is hoped this work too will be completed by November next.

3. The areas taken in hand for the first time during the year and since then undergoing settlement, are:—

	Acres.
(*a*) the Chatarpal deodar tract in the Almora District (Naini Tal Division)	315
(*b*) the Binsar and Garanath pine and oak forests, ditto	23,000
(*c*) the Sitahi Devi pine and oak forest in ditto ditto	2,560
(*d*) five blocks of khair forest in the Bhábar and Tarai of the Naini Tal District (Kumaun Division)	12,000

The reservation of the three first named tracts has been undertaken in the interests of the town and cantonment of Almora, which, as a result of past neglect in this direction, are now experiencing considerable inconvenience in the matter of a cheap and sufficient supply of timber and fuel.

The proposal to reserve the five blocks of khair forest was adopted at the instance of the Government of India in view of the commercial value of the product yielded by the khair tree (catechu) and the rapid contraction (through the agency of

savannah fires, unregulated fellings, &c.,) of this description of forest throughout the Indian peninsula. The local revenue officers have, however, reported unfavourably on the subject of the reservation of these tracts.

4. Since the close of the year a preliminary notification has issued providing for an extension of the Baldhoti and Kalimath pine plantations near Almora; the area of these proposed extensions aggregates 370 acres.

5. The suggestion made by the Inspector-General of Forests (in connection with the Rehar-Garibulehand Working-Plan) to reserve the small Unclassed forests of Kilauli and Makonia in the Naini Tal Bhábar has not commended itself to the Board of Revenue. By order of Government the proposal has in consequence been abandoned.

6. In pursuance of the orders conveyed in G. O. No. $\frac{390F}{259A\text{-}30}$, dated the 29th June 1894, Mr. N. Hearle, Deputy Conservator of Forests, was specially deputed to examine and report upon the Unclassed forests in the Bhábar and Tarai regions of the Naini Tal District, (not included under the separate proposals referred to in paragraphs 3 and 5) with the view to bringing these Government properties, some of which are valuable timber-producing tracts of large extent, under the Forest Act, either as Reserved or as Protected forests. Mr. Hearle completed his task in March, and his printed report, endorsed with the recommendations of the Conservator, has since then been submitted to the Commissioner of Kumaun for opinion.

7. Under the orders of Government (G. O. No. $\frac{209A}{XIV-200}$, dated 23rd March 1895) the settlements of the old Kumaun Iron Company's forests, Gagar-Ninglat, Dolmar-Mora, and Lansdowne Reserves have been undergoing revision (under section 21 of the Forest Act), principally with the object of excluding goats from the forests and modifying the previously existing rule regarding the supply of green firewood to right-holders. The work is still in progress.

8. The question of retransferring a portion of the Papidanda tract (Ganges Division) to the control of the Forest Department as Reserved forest, owing to the practical failure of the attempts hitherto made to cultivate it, led to some further correspondence during the year, but nothing definite was agreed to. Apparently the measure has since then been merged in the scheme elaborated by the Senior Member of the Board of Revenue for extending cultivation generally at the foot of the hills between Sanch and the Ganges. At the request of Government the Conservator has furnished his opinion in regard to this scheme and the contraction of the Reserve boundaries which its execution involves.

9. Rupees 635 were expended during the year on forest settlements and included in the accounts of the Department; and to this has to be added a sum of Rs. 70 charged to the district accounts in connection with the settlement of the khair tracts referred to in paragraph 3 (*d*).

III.—Demarcation.

(*For detailed information, see Return No.* 48.)

10. The length of forest boundaries at the commencement and close of the year was:—

	At commencement of year.	At close of year.
	Miles.	Miles
Artificial boundaries	2,503	2,508
Natural do.	494	493
Total ...	2,997	3,001

The newly acquired Amsot-Mohanwali Reserves in the Ganges Division involved an increase in the artificially demarcated boundaries of six miles, while the inclusion in the surrounding Reserved forests of the Durgapipal cultivation, in the Kumaun Division, had the contrary effect of reducing the length of boundaries by two miles (one mile artificial, one mile natural); the net result being an increase of four miles in the total mileage of the Circle.

11. It has transpired that the demarcation of some at least of the interior village lands of the Garhwál Division is incomplete, and the whole subject of the demarcation of interior village lands is being in consequence inquired into. The information in this connection afforded by the Registers of Reserves appears to be imperfect, and arrangements will have to be made for completing the boundary records of these Registers to the extent provided for in the Forest Code and required in actual practice.

12. The demarcation of the outer boundaries of the forests leaves little to be desired.

13. The total expenditure on demarcation works during the year was Rs. 1,151, as compared with Rs. 1,038 in the previous year.

IV.—Surveys.

(For detailed information, see Return No. 49.)

14. The chief feature of the year's work was the survey of 115 square miles of Reserved forest in the Lalitpur Range of the Bundelkhand Division, by the Forest Survey Branch of the Survey of India, at a cost of Rs. 6,408, or about Rs. 56 per square mile.

15. The other operations of the year were of an unimportant kind and do not call for remark. It will be noticed that out of a total forest area of 1,839 square miles belonging to this Circle, only 35 square miles remained unsurveyed at the close of the year. The total expenditure on surveys during the year was Rs. 6,720. Every Division, except Bundelkhand, now possesses complete sets of Forest Survey maps. Bundelkhand has not yet been supplied by the Surveyor-General's Office with maps of the Jhánsi forests.

CHAPTER II.

MANAGEMENT OF STATE FORESTS.

I.—Regulation of Management.

(a).—*Working-Plans and their Control.*

(For detailed information, see Return No. 50.)

I.—Existing Plans and their Control.

The Ranikhet Working-Plan.

16. In the Protected Forest Working Circle, the amount of material available under the plan was 110,780 maunds, but 127,143 maunds were felled The excess (16,363 maunds) will be deducted from the amount to be cut during 1895-96

In the Reserved Forest Working Circle the amount of material available stood at 48,353 maunds, of which it was only found necessary to exploit 25,099 maunds, leaving a balance of 25,099 maunds available for future years. The regeneration and selection fellings laid down in the plan were carried out.

The Naini Tal Working-Plan.

17 As reported last year, there are large unworked area balances, both under selection fellings for timber, and selection fellings for Commissariat fuel. It was only found necessary to work 37 acres for Commissariat fuel, the balance of the demand being met from refuse wood of the timber operations in Ninglat. Some trees for burning lime were felled in the Khurpa-Tal block, and this is not provided for in the plan; and through an oversight, the further deviation took place of working compartment 1, China, which is not one of the compartments set aside for fuel. Having regard to the fact that the working-plan for these forests comes under immediate revision, consequent on the expiry of the first ten-year fellings scheme, these minor departures from the plan are without importance.

The Kumaun Working Plan

18. Under selection fellings for sál in the Nandhaur Working Circle, there remain undisposed of 621 sál trees, no one having been found to purchase them at the existing rates, which have been accordingly reduced. Nor was there any demand for sein from the prescribed areas.

In the Kalaunia Working Circle also there was a deficit felled in coupe I of 496 sál, and in coupe II of 902 sál, whilst of other species it was only found possible to dispose of 88 sein trees.

In the Kalaga Working Circle, the coupe of the year was kept open, but no khair were disposed of from it.

In the Khair Working Circle, coupe IV was worked in by mistake instead of coupe II. The numbers of the coupes have now been changed with the sanction of the Local Government.

The extraction of bamboos was regulated by the sanctioned scheme, but no bamboos were exported from the Narni and Lowar nala blocks open for the purpose.

Under works of improvement the prescribed sowings of khair were carried out, and a considerable amount of work done in cutting creepers, and in commencing the various improvements suggested in the plan.

Behar-Garhibulchand, Working-Plan.

19. The new Working-Plan for these forests came into force from the 1st July 1894, and coupe I in Behar and coupe I in Kilauli were subjected to improvement fellings, consisting of thinnings and weedings by Government agency, as laid down by the plan. The creeper cuttings prescribed were executed and certain among the suggested works of improvement taken in hand.

The Ganges Working-Plan.

20. There were no deviations from the prescriptions of this plan. Under the system of selection fellings prescribed, the number of trees available compares with the number felled as follows:—

	Sál.	Sein	Haldu.	Bakli.	Dhaura	Gonsham.	Sandan.	Jamun.	Chir.	Kokat.
Available	517	505	682	3,148	1,367	794	not fixed.	290	240	4,903
Felled	299	503	57	19	24	...	293	5	...	136
Balance to be carried forward.	218	2	625	3,129	1,343	794	...	285	240	4,767

It has thus again to be remarked that there is practically no demand at present for timber other than sal and sein from these forests.

Under improvement fellings an attempt was made for the first time to carry out systematically the intentions of the working-plan, and an operation having for its object the improvement of the young crop by the removal of stems of no promise was executed over compartment 2 of Kauria block; area 936 acres. The operation has been considered too light, and arrangements have been made to complete it during the coming working season.

Under works of improvement, fire protection was extended to the remaining areas prescribed by the plan. Creepers were cut over an area of 706 acres; but there remain unoperated upon large tracts in respect to which the plan contemplated a similar course of improvements. This state of things must be ascribed in a measure to a want of system in the prescriptions of the working-plan itself, which in view of the new working-plan under preparation for the whole of the forests of this Division, may now be considered as having come to an end.

The Kohtri Plain Working-Plan.

21. This plan was sanctioned for five years from 1889-90, and consequently came to an end in 1894. The area dealt with has been included in the more comprehensive plan under preparation for the whole of the Ganges Division forests, and the work of the past year was arranged as nearly as possible in accordance with the provisions of the new plan.

The Lansdowne Working-Plan

22. This is the second year during which this plan has been in force. The work was carried out in accordance with its prescriptions. The areas short worked in the previous year were to some extent worked over again; but it was not found necessary to operate over the whole area available, and a deficit balance of 80 acres has been the result The fencing, sowings, and plantings prescribed by the plan have been executed.

2—*New Working-Plans under preparation or proposed.*

23. During the year the field work relating to the working-plan for the Garhwál Forests (paragraph 20 of last year's report) was completed, and the working-plan is expected to be ready for submission to the Press by the 1st October.

24. A working-plan for the Ganges divisional forests (see paragraph 20 of last year's report) has attained an almost equal degree of forwardness, and should be ready for the Press about November.

25. A working-plan prepared by Mr. Bryant in 1894 for the Naini Tal Municipal Forests will come into force, under the orders of Government, with effect from the 1st October 1895. The area of these forests is only 1,640 acres, and hav-

ing regard to the heavy fuel requirements of the municipality, the consequent temptation to overfell, the unstable nature of the ground, and the expediency of preserving the ornamental character of the woodlands, the introduction of this working-plan, which received in due course the technical approval of the Inspector-General of Forests, is undoubtedly a sound measure.

26. It was explained in last year's report (paragraph 18) that a working-plan framed by this Department for the forests of the Naini Tal Cantonment (427 acres) had not proved acceptable to the General Officer Commanding, and that the measure had in consequence been allowed to stand over for the present. This working-plan has, in the interval, received the approval of the Inspector-General of Forests, and steps are being taken, by the removal or modification of such provisions and restrictions as the Military Department is understood to principally object to, to secure its ultimate introduction. The unstable nature of the ground at this point of the Naini Tal basin, and the danger to which, in the absence of a practical guide to the management of these woodlands, every succeeding Station Officer must be exposed of conducing to a series of landslips, renders it very desirable that success may attend the negotiations now proceeding.

27. Substantial progress was thus effected during the year under this head, and within a few more months the forests of the Bundelkhand Division will be the only areas managed by the Forest Department in this Circle for which working-plans have not been introduced. The expenditure incurred was Rs. 18,266, as compared with Rs. 20,500 in the previous year.

28. In appendix A are recorded the usual measurements of trees on sample plots set apart for the observation of the rate of growth of sál. It will be noticed that the number of these plots has been increased during the year from 11 to 13. The additions have been the South Aonla-Khera and Chila plots in the Kumaun Division.

(b).—Annual Plans of operations.

29. The work of the year in all Divisions was regulated by the provisions of "Annual Plans of Operations" that had been previously approved by the Conservator and the local revenue officers, as laid down in Government Resolution No. 76A., dated the 20th October 1881 (Part XIV of the Manual of Government Orders for these Provinces). Insufficient funds and an inadequate staff of trained executive officers were the principal causes of departure from the year's programme.

Appendix B to this report is a statement of unexecuted works with the Divisional officer's explanations in regard thereto.

II.—Working of the Year.

(a).—Communications and Buildings.

(For detailed information, see Return No. 51.)

30. The cost and the nature of the works under this head compare as follows with those of the previous year:—

	1893-94.		1894-95.	
	Miles.	Rs.	Miles	Rs.
New road work	85	7,134	104	7,750
Road repairs	2,213	24,370	2,273	26,331
Total, Roads ...	2,298	31,504	2,377	34,081
New buildings	...	11,893	...	13,446
Repairs to buildings	...	5,876	...	5,816
Total, Buildings ...	...	17,769	..	19,262
Miscellaneous	...	1,737	...	1,653
Total of expenditure (agreeing with form No 61).	...	51,010	...	54,996

If the Garhwál Division be excepted, in which some important export roads were completed or undertaken at a total cost of Rs. 4,244, the new road work of the year was confined to minor projects, principally of the nature of inspection paths.

The largest expenditure on new buildings occurred in the Ganges Division, where Rs. 3,590 were expended in connection with the new head-quarter bungalow and office premises at Lansdowne, in the Bundelkhand Division, where Rs 2,355 represent the cost of the completed Chauri rest-house, and in the Naini Tal Division, where an outlay of Rs. 1,188 was incurred in making additions to the Commissariat fuel sheds and to the Naini Tal charcoal godown.

(b).—Protection of Forest from injury.

(I).—General Protection and Breaches of the Forest Law.

(For detailed information, see Return No. 52.)

31. The cases dealt with in the course of the year were—

(i) 48 Court cases, of which 40 new ones, as compared with 50 in the previous year. Only one case was pending at the close of the year.

(ii) 349 cases coming under section 67 of the Forest Act, of which 331 new cases, as compared with 391 in the previous year. Of these six were pending at the close of the year.

The percentage of convictions obtained in the Court cases was 81, which is sufficient indication of the care taken not to prosecute on unsubstantial grounds. Four-fifths of these cases were instituted in the Bundelkhand Division, and were then for the most part tried under the Penal Code, an explanation of which circumstance was given in paragraph 25 of the previous year's report. In the other Divisions only eight cases were taken into Court.

The 343 cases disposed of during the year under section 67 of the Forest Act involved 698 persons, and the average compensation taken amounted to Rs. 2-7-2 for each offence.

As might be expected, the largest proportion of cases is connected with the administration of the Naini Tal and Ranikhet forests, surrounded as these are with villages and cultivation to an extent that is not observable elsewhere in the Circle. In the Ranikhet sub-division of this charge, the total number of new cases increased during the year from 89 to 107; but in the Naini Tal sub-division they decreased from 92 to 34, and this circumstance is explained by the Divisional Officer as being due to the abolition of the Jhampani system of fuel collection, under which so many inducements presented themselves for unauthorized fellings and appropriations of material.

(II).—Protection from fire.

(For detailed information, see Return No. 53.)

32. The total area of Reserved, Protected and Unclassed forests under the management of the Department at the commencement of the year was 1,839 square miles, and of this area it was attempted to protect 1,341 square miles, as compared with 1,238 square miles in the previous year. The result was singularly successful, as only 7 square miles were burnt over.

The 103 square miles of extensions to the attempted area were located in the :—

Ganges Division	...	77 sq. miles.
Kumaun „	...	17 „ „
Garhwál „	...	9 „ „
	Total ...	103 sq. miles.

Of the 7 square miles representing the failures of the year, the Bundelkhand Division is reponsible for 5 square miles. The combined charges of Naini Tal, Kumaun, Garhwál and Ganges only show 2 square miles of failures between them, that is to say for an attempted area of 1,033 square miles. These results are very creditable to the divisional officers concerned and their establishments.

In the Airadeo forests of the Naini Tal Division there was only one fire of 10 acres against 8,392 acres burnt over in the previous year. This happy state of things is attributed by the divisional officer to the salutary effects of the punishments inflicted on the surrounding villagers for their share in the conflagrations of 1893-94, and Mr. Leete is probably right in his conclusions.

The total expenditure on fire protection rose from Rs. 23,851 in the previous year to Rs. 24,434; in other words the addition of 103 square miles to the attempted area involved the extra cost of Rs. 583 only, while the expenditure per square mile of attempted area declined from Rs. 19·27 to Rs. 18·22.

(III)—Regulation of Grazing and Protection from Cattle.

(For detailed information, see Returns Nos. 54 and 55.)

33. Of the total area of forests, amounting to 1,839 square miles at the commencement of the year, only 725 square miles were closed to all animals for the whole year. Of the remaining area of 1,114 square miles, 281 square miles were closed to all animals for short periods only, and 300 square miles to camels, goats and sheep, while 533 square miles were left open to every description of cattle for the whole year; so that the forests under the management of the Forest Department in this Circle cannot be said to weigh heavily on the people in the matter of grazing.

34. The total number of cattle admitted into the forests during the year was 2,94,277 head, namely—

Buffaloes	51,105
Cows	1,58,291
Goats and sheep	80,849
Other animals	4,031

And of these, 1,44,272 head grazed free by right under settlement or the pleasure of Government, and 64,730 head at reduced rates, the net financial result being an income of Rs. 21,043 only, as compared with Rs. 20,305 in the previous year.

35. The forests of the Naini Tal Division are those most heavily burdened with grazing rights. Possessing an area of 146 square miles only, they had to support during the present year 37,325 head of right-holders' cattle.

Fortunately, a proportion of these hill cattle descend to the Bhábar for the winter months, and in this way afford the forests a certain amount of rest.

(c.)— *Improvement of Forest Growth.*

I.—Natural Reproduction.

36. Mr. Leete reports from the Naini Tal Division that kharshu (*Q. semicarpifolia*) and *tilong* (*Q. dilatata*) seeded freely during the rains of 1894, whilst banj (*Q. incana*) and chir (*P. longifolia*) did not. The condition of the forests in respect to reproduction was in other respects satisfactory.

37. Mr. Shakespear writes:—"Natural reproduction generally is good in the Kumaun Division and may be considered assured wherever the forests have had immunity from fires for a few seasons. It is satisfactory to note that in the areas intermittently sown with khair (A. catechu) in Hanspur, the young plants have come up freely, and it is not impossible that next year it may be worth while to extend fire protection to a larger area and to trust to natural reproduction unassisted by sowings. The absence of haldu (*Adina cordifolia*) seedlings continues to be marked, while sál seedlings are plentiful. Generally speaking, the year under report was a poor seed year."

38. The Garhwál divisional officer, remarking on the excellence of sál reproduction in the forests of his charge, ventures the statement that the species is encroaching on such grass and waste lands as happen to offer favourable conditions of soil and climate, and are at the same time within easy reach of the existing sál tracts. This is undoubtedly true. Unfortunately, the sál seed is both heavy and delicately formed—almost as soft and tender a substance as a green pea fresh from the pod—so that it is impossible to expect the natural propagation of the species at a distance from the parent trees, or on a hardened surface soil, or on lands much trodden by heavy cattle. Further, the species is peculiarly susceptible to frosts. All these conditions taken together make it tolerably certain that the natural extension of any sál forest beyond its existing limits must, except in the case of small interior glades and blanks be an excessively slow process, and that such extension can in general only be accomplished at a prohibitive cost. We are taught by this how very careful we ought to be of the sál forests that remain to us—careful as regards our fellings, and careful as regards our protection from fires and cattle.

39. The writer of this report had the privilege of seeing the sub-montane sál forests again this year after an absence of 15 years, and was struck with the improvement produced in the interval—an improvement that must result in a very large increase of forest revenue when the young generations of trees reach maturity.

40. The present Conservator has not had the opportunity of visiting the Bundelkhand forests, and all Mr. Down has to say on the subject is that the reproduction of teak continues to be good in the vicinity of the banks of the Betwa and Dhasan rivers.

II.—Artificial Reproduction.

(For detailed information, see Return No. 56.)

41. The area of regular plantations remained unchanged at 358 acres. The outlay incurred on these works during the year was Rs. 2,205, as compared with Rs. 1,096 in the previous year. This increased expenditure includes a sum of Rs. 825 utilized in procuring a choice assortment of graft fruit trees and seed from Europe for the supply of the Chaubattia garden.

42. To counterbalance this outlay the sale of young trees and of fruits from the Chaubattia garden yielded during the year Rs. 2,547, and the sale of grass from the Baldhoti plantation Rs. 77, making Rs. 2,624 in all, as compared with Rs. 1,903 in the previous year. The financial results would have been still better but for the circumstance of the season's fruit crop (1895) having been disposed of almost wholly after the end of the year.

43. There was an increase in the sales of young trees to private persons, the receipts under this head aggregating Rs. 1,651, as compared with Rs. 603 only in the previous year. As the Chaubattia garden was created for the principal purpose of encouraging the cultivation of European fruit trees in the Kumaun hills, this is a satisfactory feature of the year's administration.

44. A revised catalogue has recently been prepared by Mr. Leete for the Chaubattia garden which should simplify the task of choosing suitable fruit trees by purchasers living at a distance from Ranikhet, and the Conservator concurs in the opinion expressed that the horticultural resources of the Chaubattia garden have only to become better known to yield still more useful results.

45. When the Chaubattia garden was first started, some 20 years ago, and until quite recently, the villagers paid nothing for the fruit trees supplied to them, and were encouraged by successive Commissioners, and notably so by Sir Henry Ramsay, to apply very largly for them. The trees costing nothing, and perhaps obtained more often out of deference for the expressed wishes of the authorities than with

any useful motive, the care taken of them by the villagers was small, and it is certain that the results so far obtained for the tens of thousands of choice European fruit trees distributed gratis among the Kumaun tenantry are disappointing. At the instance of the Conservator, Mr. Leete proceeded to take stock of the surviving fruit trees in nine villages taken at random. His report shows 834 trees alive out of 2,124 trees distributed, and that the condition of the former is unsatisfactory. This is a state of things in which the personal influence of the Deputy Commissioners and their Assistants should be able to accomplish much. The villagers have now to pay for the trees supplied to them, although these are of course priced low, and it is reasonable to conclude that they will take some care at least of their purchases.

46. The total area of cultural operations at the commencement of the year was 1,663 acres, and at the close of the year 3,114 acres, showing an advance of 1,451 acres. The expenditure incurred on this account was proportionate to the progress made, amounting to Rs. 2,244 as compared with 1,465 in the previous year.

47. The principal cultural operations were centred as usual in the Naini Tal Division, and consisted in re-stocking blanks in the forests, or insufficiently clothed grounds, with seeds and plants of various species. Areas in which the reproduction appeared backward were sown over with chir seed and acorns according to previous practice, and the Conservator is in a position to speak well of the results obtained so far by these means. The sowings of kharsu (*Q. Semicarpifolia*) seed executed in July 1894 have so far proved a decided success.

48. In the Kumaun Division the provisions of the working-plan regarding the encouragement to be given to the reproduction of khair (A. catechu) and haldu (*Adina cordifolia*) were attended to; 2,281 patches belonging to the previous year's operations were weeded and loosened; 9,583 new patches were prepared; and 11,864 patches were stocked with khair and haldu seed. The haldu sown in 1894 is reported to have failed, and of the khair Mr. Shakespear writes that it is too soon to give an opinion, adding, however, that the young plants of this species, where found, looked healthy. After two seasons' treatment the experiment was found to cost slightly over Rs. 3 an acre.

(III).—Early Thinnings, Weedings, Creeper-Cuttings and other operations directed to the Improvement of the Growing Crop.

49. Improvement Fellings properly come under "Exploitation;" it is consequently doubtful if thinnings, and occasionally even weedings, ought to be included under this heading at all. In the present instance this would only lead to needless repetition. With this reservation, the following are the works which may be here noticed:—

In the *Naini Tal Division* the plants put out in former years were freed from weeds and other vegetation interfering with their development; where an unpromising advance-growth of chir occupied the ground in regeneration "coupes," the former was uprooted with the view to a more healthy reproduction of the species; and in the case of the areas operated upon by improvement fellings for the supply of fuel to the station of Naini Tal, useless and obstructive shrub under-growths were cut out.

In the *Kumaun Division* the provisions of the new working-plan were adhered to; creepers were cut over an area of 24,691 acres at a total cost of Rs. 869, and simple weedings executed in respect to an area of 1,250 acres, at a cost of Rs. 16. These operations extended to the localities prescribed for the year, as also to 7,967 acres of arrears (Jaulasal west, compartment 1; Kholgarh north; Chungarh) left outstanding from 1893 94.

In the *Garhwál Division* creepers were cut over an area of 10,057 acres at a cost of Rs. 608; and in the *Ganges Division* the same useful measure embraced an area of 11,340 acres and cost Rs. 967. As working-plans are now under preparation for the greater portion of the forests belonging to these two charges, it does not seem necessary to refer further to these works.

(IV).—Experiments.

50. In the Naini Tal Division seeds of *Acacia saligna*, *A. pyenantha*, and *A. decurrens*, were received from the Cape, and of the English oaks, elm, larch, Weymouth pine and Douglas fir from Europe. It is too early to record results.

51. In the Garhwál Division the small experiment of sowing sal seed mixed with seed of other species on open "chours" that once bore forest of this class, appears to have been only moderately successful; but it is too soon and the experiment has been conducted on too small a scale for it to be possible to report results at this stage. Another five square chains were added to the plot during the year, making six chains in all, and the former area was sown with sál, rohini, amaltas, tun, dhaura, and bakli.

(*d*)—*Exploitation of major forest produce.*

52. As provided for in the Ranikhet working-plan, regeneration fellings were executed in the mixed chír and oak forests of that sub-division and extended to an aggregate area of 403 acres.

53. "Selection-Fellings" is, however, the method of exploitation principally resorted to in this Circle, outside Bundelkhand, and the following operations may be noticed under this head:—

In the *Naini Tal Division* portions of blocks Jagdeo, Khaniari, Dalmoti, Ninglat, Loichusani and Mona were worked over and 1,528 trees removed, of which 1,339 trees were of chir. The fellings were regulated by the provisions of the two working-plans in force.

The following table indicates in detail for the year the trees and areas available for selection fellings in the forests of the *Kumaun Division* on the basis of the recently introduced working-plan and the extent to which the operations were carried out in the case of each working-circle:—

Working Circles.		Number and kinds of trees.									
		Sál.	Sein.	Chir.	Haldu.	Jaman.	Tun.	Shisham.	Khair.	Kokat.	Total.
Nindhaur	Available	3,021*									
	Felled ...	1,505	...	...	...	73	3	19	...	...	1,600
Hill ...	Available...										
	Felled ...	54	1	...	15	...	5	...	13	251	339
Sarkhet ...	Available...	397†									
	Felled ...	397	310	...	...	36	...		...	...	743
Khair ...	Available ...	...	...								
	Felled ...	...	...	...	95	...	15	115	1,490	44	1,759
Kalaga ...	Available...	...	...								
	Felled ...	...	...	...	...	...	...	..	...	98	98
Kalaunia	Available...	1,719‡									
	Felled ...	319	88	...	...	...	...	...	...	...	407
Total ...	Available...	5,140									
	Felled ...	2,275	399	...	110	109	23	134	1,503	393	4,946

It will be observed that the available timber was not wholly exploited and that a large proportion of the trees remained unfelled. For an explanation of this unsatisfactory state of things see paragraphs 67—70.

In the *Garhwál Division* selection fellings occurred in most of the forests, embracing an aggregate of 11,715 trees, of which 4,124 were of sál. The future operations of the kind will be controlled by the working-plan now under preparation for the forests of this charge, when the year's work will admit of more useful comparison and references.

* 1,215 of year + 1,809 arrears of previous year = 3,024
† 200 of year + 197 hollow trees ... = 397
‡ 902 of year + 817 arrears of previous year = 1,719
5,140

The same remark applies to the *Ganges Division* where selection fellings extended to portions of all the ranges, involving the felling of 2,287 trees, of which 818 were of sál

54. Improvement Fellings were executed in most of the Divisions.

In the *Naini Tal Division*, the operations extended to an aggregate area of 4,176 acres. The supply of the station of Naini Tal with fuel was effected from this source, as also the scattered requirements of the village right holders throughout the Division

In the *Kumaun Division* the operations coming under this head have been closely defined by the working plan recently introduced, and it only remains to say that the provisions of the plan were complied with.

In the *Garhwal Division* the improvement fellings prescribed by the Rehar Gharibulchand working-plan were duly executed. Elsewhere in this charge operations chiefly directed to the extraction of hollow sál trees were conducted over an aggregate area of 4,930 acres, involving the removal of 4,265 trees.

In the *Ganges Division* the system of improvement fellings on which the working plan for the Lansdowne forests is based was adhered to, while 989 acres in Kaunia and 1,271 acres in Dabina were operated upon with a like purpose

The working of the forests of the *Bundelkhand Division* was restricted as usual to a series of isolated improvement fellings which call for no particular notice.

(e)—Extraction and transport of forest produce by land and water.

55. Nothing more has been heard concerning the construction of the branch lines of railway between Moradabad and Ramnagar and between Najibabad and Kotdwara. But a proposal is before the Government for extending the Rohilkhand-Kumaun system westwards to Ramnagar by means of a line that would start from Kichha and traverse that portion of the Tarai which is defined by the towns of Rudarpur and Kashipur. The objections to this plan from a departmental aspect are that a line so constructed would be distant some 20 miles from the nearest points of the Reserved forests, that the forests situated between Haldwani and the Dabka river are exceptionally poor, and that the forest exports from Ramnagar and beyond have, and will continue to have, their markets in the direction of Moradabad, Bijnor, Meerut, Delhi, &c., and not in the direction of Bareilly for which the Eastern Kumaun and Oudh forests are, moreover, more conveniently situated. But of course if the Kichha-Ramnagar line is thereafter produced to Moradabad, one of the objects of this Department will have been attained. But the line which would in all probability absorb the largest share of the enormous quantities of forest produce available to the west of Ramnagar would be a branch passing from Nagina through Barhapura to Kalushahid. The important consideration about all projects of the kind, which involve for the most part the moving of heavy material, is that there should be as little loading and unloading as possible between the point of starting and the point of destination of the produce, and that the costs and arrangements on this account should be attractively light and easy, without which the exports would, in great part, continue to confine themselves to the roads and waterways that open out this part of the country, while the resources of our forests in inferior timbers and minor produce would, as at present, be left to run to waste for want of a cheap outlet.

(f)—Exploitation of Minor Forest produce.

56. There is little to note under this head which is not more properly dealt with in other parts of the report. As remarked in the previous paragraph, the minor produce of the forests of this Circle in great part runs to waste for want of a cheap outlet. This is peculiarly the case with the enormous quantities of grass produced As an experiment, a quantity of Bhabar grass was sent this year to one of the down-country paper-mills, but the transport, loading, unloading and other expenses made the attempt an unremunerative one.

57. Arrangements are being made for the introduction of resin works into the Naini Tal Division similar to those that have answered so well in the School Circle, and there is every prospect that the venture will, from the proximity of the railway and the smaller distances that the raw material will have to traverse, yield even better results than those recorded for the Jaunsar forests.

CHAPTER III.

GROSS YIELD AND OUTTURN OF FOREST PRODUCE.

GENERAL.

The detailed particulars of the year's outturn are given in Forms 57 and 58. The total outturn of the Circle in *timber* was in round figures, if we include the grants to right-holders, which are necessarily of the nature of rough estimates.

	Cubic feet.
1894-95	9,98,000
1893-94	9,62,000
Difference in 1894-95, *more*	36,000

59. The total outturn of the Circle in *fuel* was :—

1894-95	40,18,000
1893-94	40,56,000
Difference in 1894-95, *less*	38,000

60. The total outturn of the Circle in *bamboos* was :—

	No.
1894-95	1,37,30,000
1893-94	1,32,42,000
Difference in 1894-95, *more*	4,88,000

61. The total outturn of the Circle in other produce (that is to say in all produce not separately dealt with) can only be represented by its value, the quantities not being in all cases ascertainable. Adopting the same system of round figures, and including the grants to right-holders which, as has been remarked above, are of uncertain accuracy, we arrive at the following results :—

	Rs.
1894-95	1,21,000
1893-94	1,24,000
Difference in 1894-95, *less*	3,000

62. To sum up, there was an increase during the year in the outturn of timber and bamboos, a decrease in the outturn of fuel, and an unimportant decline in the receipts from other sources. Further on it will be seen that the outturn of every description of produce from the important Kumaun Division continued to fall off in the most singular manner, and that this circumstance alone militated against the results of the year being exceptionally favourable. Fortunately, where Kumaun failed, other Divisions did better than had been anticipated ; the net result being an advance on the previous year.

SPECIAL.

I.—Departmental Operations.

(*a*)—*Timber removed departmentally.*

63. The outturn of timber by departmental agency was as follows :—

	Cubic feet.
1894-95	49,914
1893-94	65,802
Difference in 1894-95, *less*	15,888

The decrease mainly occurred in the Naini Tal Division, and was owing to a diminution in the requirements for departmental buildings In the previous year the construction of the Commissariat fuel sheds and that of a number of "chaukies," necessitated larger operations under this head.

(b)—Fuel removed departmentally.

64. The outturn of fuel by departmental agency was as follows :—

	Cubic feet.
1894-95	3,17,760
1893-94	2,68,367
Difference in 1894-95, *more*	49,393

The important operations are here confined to the Naini Tal and Ganges Divisions, in which the Forest Department has the burden of providing for the requirements of the troops at Ranikhet, Lansdowne and Naini Tal, and for the Settlement of Naini Tal.

(c —Bamboos removed departmentally.

65. The outturn of bamboos by departmental agency was as follows :—

	Nos.
1894-95	465,405
1893-94	408,987
Difference in 1894-95, *more*	56,418

Bundelkhand is the only charge in which bamboos are prepared for the market by departmental agency. Less bamboos were sold this year from the Bundelkhand forests, but a larger number was collected, the balance remaining in stock at the close of the year being 120,572 in excess of the previous year's figure.

(d —Other minor produce removed departmentally.

66. The total revenue under this head as compared with 1893-94 was :—

	Rs.
1894-95	547
1893-94	390
Difference in 1894-95, *more*	157

The operations have always been of a petty nature, and in the present instance the receipts are chiefly derived from mohwa flower collections in Bundelkhand.

II—REMOVAL OF PRODUCE BY PURCHASERS.

(a)—Timber removed by purchasers.

67. The outturn of timber by the agency of purchasers was as follows :—

	Cubic feet.
1894-95	7,43,652
1893-94	6,89,235
Difference in 1894-95, *more*	54,417

The following statement compares the outturn of the two years, Division by Division :—

Division.	1894-95.	1893-94.	Difference in 1894-95.	
			More.	Less.
1	2	3	4	5
	Cubic feet.	Cubic feet.	Cubic feet.	Cubic feet.
Naini Tal	1,23,192	99,208	23,984	...
Kumaun	1,76,270	1,98,340	...	22,070
Garhwál	2,11,568	2,20,507	...	8,939
Ganges	1,21,909	85,345	36,564	...
Bundelkhand	1,10,713	85,835	24,878	...
Total ...	7,43,652	6,89,235	85,426	31,009

The continued decrease in the *Kumaun* Division has been attributed to a number of causes, such as the notorious unhealthiness of the Eastern Kumaun Forests in which the fellings are now located and their increasing distance from the markets, the dread of a man-eating tiger believed to roam in the neighbourhood, and unusually bad weather for export purposes. To counterbalance the principal evil, the rates have been reduced, and it is hoped this circumstance will induce the timber traders to overcome their reluctance to work in the remote forests of the Nindhaur and Kalaunia working circles.

In the *Garhwál Division*, the decrease, not very important, is attributed by the divisional officer to the circumstance of operations having this year been located in somewhat remote localities.

In the *Ganges* Division the increase has been considerable and is ascribed to the removal of the restrictions on the export of waste wood tors, alluded to in paragraph 66 of last year's report.

(*b*)—*Fuel removed by purchasers.*

68. The total outturn of fuel by the agency of purchasers was as follows :—

	Cubic feet.
1894-95	1,166,360
1893-94	1,247,896
Difference in 1894-95, *less*	81,536

The following statement compares the outturn of the two years, Division by Division :—

Division.	1894-95.	1893-94.	Difference in 1894-95.	
			More	Less.
1	2	3	4	5
	Cubic feet.	Cubic feet.	Cubic feet.	Cubic feet.
Naini Tal	4,59,820	3,95,232	64,588	...
Kumaun	3,01,035	4,19,376	...	1,18,341
Garhwál	1,51,077	1,29,895	21,182	...
Ganges	2,07,698	2,45,545	...	37,852
Bundelkhand	46,735	57,848	...	11,113
Total ...	11,66,360	12,47,896	85,770	1,67,306

In the *Ganges Division* the decrease is ascribed to the operation of the new drift rules, under which the Ganges river drift and waif wood is now wholly collected by the School Circle. There was also less demand for fuel from the Ganges forests owing to the action of the Gohna flood which is reported to have brought down an extraordinary quantity of drift.

No reasons have been assigned by Mr. Shakespear for the falling off in *Kumaun*, following as it does the decline of the previous year; nor does Mr. Down give reasons for the continued decrease in Bundelkhand, which may, however, in the absence of other explanations be ascribed to the causes mentioned in paragraph 66 of last year's report.

(*c*)—*Bamboos removed by purchasers.*

69. The total outturn of bamboos by the agency of purchasers was as follows :—

	Nos.
1894-95	13,051,968
1893-94	12,625,311
Difference in 1894-95 *more*	426,657

The following statement shows the outturn of the two years, Division by Division :—

Division.	1894-95.	1893-94.	Difference in 1894-95.	
			More.	Less.
1	2	3	4	5
	Nos.	Nos.	Nos.	Nos.
Naini Tal	28,330	31,562	...	3,232
Kumaun	250,123	991,720	...	7,41,597
Garhwál	2,123,701	2,012,322	111,379	...
Ganges	10,556,589	9,408,321	1,148,268	...
Bundelkhand	93,225	181,386	...	88,161
Total ...	13,051,968	12,625,311	1,259,647	832,990

In the *Kumaun* Division Mr. Shakespear attributes the large decline in the outturn of bamboos by purchasers to the presence of a man-eating tiger in the Nindhaur Range, to some of the blocks having been leased for the first time, and to others being inconveniently situated for export.

In the *Ganges* Division the largely increased outturn of bamboos has been a marked feature of the year's administration.

In the *Bundelkhand* Division the demand is said to have been slack.

(d)—Minor produce removed by purchasers.

70. The total receipts under this head compare as follows with the results of the previous year :—

	Rs.
1894-95	79,118
1893-94	81,288
Difference in 1894-95, *less*	2,170

The following statement shows the outturn of the two years by Divisions :—

Division.	1894-95.	1893-94.	Difference in 1894-95. More.	Difference in 1894-95. Less.
1	2	3	4	5
	Rs	Rs.	Rs.	Rs.
Naini Tal	7,075	6,975	100	...
Kumaun	29,797	34,387	...	4,590
Garhwál	12,850	13,867	...	1,017
Ganges	14,546	13,056	1,490	...
Bundelkhand	14,850	13,003	1,847	...
Total ...	79,118	81,288	3,437	5,607

The decrease in the *Kumaun* Division occurs under hides, and is ascribed to the orders of Government, exempting from payment the exported hides of animals slaughtered for food in the municipalities of Naini Tal, Almora, Ranikhet and Haldwani.

III—Free grants of Forest produce.

71. The quantity of forest produce removed under " free grants " compares as follows with the previous year's figures :—

Year.	Timber	Fuel.	Bamboos.
1	2	3	4
	Cubic feet.	Cubic feet.	Nos.
1894-95	18,686	1,800	6,490
1893-94	28,758	7,960	2,250
Difference in 1894-95 More	...	...	4,240
Difference in 1894-95 Less	10,072	6,160	...

The outturn under this head necessarily fluctuates from year to year. Thus in the year 1893-94, the grants to the Diocesan and Wellesley Girls' Schools at Naini Tal tended to swell the returns.

IV—Removal of produce by Right-holders.

72. The quantity of forest produce granted to right-holders compares as follows with the figures of the previous year :—

Year.	Timber.	Fuel.	Bamboos	Minor produce.
1	2	3	4	5
	Cubic feet.	Cubic feet.	Nos.	Rs.
1894-95	1,85,941	2,532,006	205,740	41,359
1893-94	1,78,069	2,532,006	205,740	42,654
Difference in 1894-95 More	7,872	...	...	...
Difference in 1894-95 Less	...	...	...	1,295

The quantities of fuel and bamboos are shown as constant and agree with the totals contained in the record of rights, there being no means of determining the actual quantities removed by the right-holders.

CHAPTER IV.

FINANCIAL RESULTS.

73. Returns 61, 62 and 64, drawn up in the Comptroller and Auditor-General's office and attested by him, together with Forms 60,60A, 63 and 65 prepared in the Conservator's office, show in detail the financial results of the year.

Briefly these were :—

	Rs.
Receipts	6,20,783
Charges	3,61,682
Surplus ...	2,59,101

which compare as follows with the results of the four previous years, taking the figures for the *forest year* in the case of the last two years, and the figures for the *financial year* in the case of the two first years :—

Year.	*Receipts.* Rs.	*Charges.* Rs.	*Surplus.* Rs.
1890-91 (financial year) ...	5,80,384	2,49,568	3,30 816
1891-92 (ditto) ...	5,33,274	2,76,366	2,56,908
1892-93 (forest year) ...	5,96,987	2,91,905	3,05,082
1893-94 (ditto) ...	5,81,877	3,17,686	2,64,191
1894-95 (ditto) ...	6,20,783	3,61,682	2,59,101
Average for the period ...	5,82,661	2,99,441	2,83,220

Thus, whilst the receipts of the year exceed those of the previous year by Rs. 38,906, the expenditure is also in excess by Rs. 43,996, resulting in the surplus being Rs. 5,090 less than that of 1893-94, and the percentage of surplus to gross revenue 41·74 only, as compared with 45·40 in the previous year.

74. The revenue was realized from the following sources :—

	Forest years 1894-95. Rs.	1893-94. Rs.
Timber	2,99,592	2,81,991
Fuel	81,436	75,069
Bamboos	1,54 280	1,36,445
Grazing and fodder	33,345	30,920
Minor produce	46,320	50,740
Drift and confiscated produce	1,067	1,075
Miscellaneous	4,723	5,637
Total ...	6,20,783	5,81,877

During the year increases of revenue took place under—

	Rs.
Timber	17,601
Fuel	6,367
Bamboos	17,835
Grazing and fodder	2,425
Drift and confiscated produce	12
Total ...	44,240

while decreases of revenue occurred under—

	Rs.
Minor produce	4,420
Miscellaneous	914
Total ...	5,334
Difference in favour of the year	38,906

75. A study of the previous chapter on the outturn will sufficiently explain the circumstances of the revenue realized during the year. Briefly, the Garhwál and Ganges Divisions exceeded all expectations, while the Kumaun Division did as badly as its two neighbours did well.

It will be perceived that the income from fuel was larger than in the previous year, notwithstanding that the outturn was smaller. This apparent anomaly is due to the fact that the net decrease in the outturn of fuel occurred under "fuel removed by purchasers," of which the price is relatively small, while there was an increase in the more heavily priced fuel sold from depôt.

76. The following statement shows the expenditure arranged under the several budget heads and compared with that of the previous year:—

Budget heads.	Forest year 1894 95.	Forest year 1893 94	Increase	Decrease.
1	2	3	4	5
A.—Conservancy and Works.	Rs	Rs	Rs.	Rs.
I —Timber and other produce removed from the forests by Government agency	55,310	35,427	19,892	...
II.—Timber and other produce removed from the forests by consumers or purchasers	29,848	29,912	...	64
III.—Drift and waif food and confiscated forest produce.	3	...	3	...
IV —Rent of leased forests and payments to shareholders in forests managed by Government.	1,180	357	823	...
VI.—Live and dead stock ...	8,588	13 438	...	4,850
VII —Communications and buildings	54,096	51,010	3 086	...
VIII.—Organization, improvement and extensions of forests,	41,585	34,892	6,693	...
IX.—Miscellaneous	1,147	1,219	...	72
Total A —Conservancy and Works ...	1,92,666	1,66,255	31,397	4,986
B —Establishments.				
I.—Salaries	1,42,592	1,28,002	14,590	...
II —Travelling allowances	17,918	16,212	1,706	...
III —Contingencies	8,506	7,317	1,289	...
Total B —Establishments ...	1,69,016	1,51,431	17,585	..
Grand Total of Expenditure ...	3,61,682	3,17,686	48,982	4,986
Net Increase ...	..	..	43,996	...

77. The increase in charges under A.-I. occurred almost wholly in the Naini Tal Division in connection with the demands of the Settlement of Naini Tal and the Commissariat, for the convenience of which, as also for the convenience of the Forest Department that has always experienced difficulties in getting contractors to work during the wet weather, it was considered advisable to have large supplies of fuel collected and stacked in anticipation of the monsoons of 1895-96, to which year the corresponding receipts will in great part be credited.

78. The increased expenditure under A.-IV was on account of the lease of the Garhwál-Bhábar District forests, and includes the unpaid lease money of the previous year in addition to the sum due on this account for the year under report.

79. The increased expenditure under A.-VII occurred:—

(i) in the *Garhwál Division*, where Rs. 3,072 in excess of the previous year were expended on roads and communications;

(ii) in the *Ganges Division*, where Rs. 4,062 in excess of the previous year were expended, chiefly on the enlargement of the head-office bungalow at Lansdowne and the construction of out-offices at the same place;

(iii) in the *Bundelkhand Division*, where the cost (Rs. 2,355) of the Chauri bungalow (constructed in the previous year) was credited in this year's accounts.

80. The increased outlay under A.-VIII is accounted for, to the extent of Rs. 4,282, by the expenses of the Lalitpur Forest Survey. The balance is made up of sowing and planting expenses in the Naini Tal and Bundelkhand Divisions, over 1,000 acres having been added in the former charge to the area culturally treated.

81. The increase in expenditure under "salaries and travelling allowances" was due to officiating promotions in the superior staff, to the deputation of Mr. Hearle, Deputy Conservator of Forests, on the special duty of examining the forests of the Kumaun Tarai and Bhábar, and to increased exchange compensation allowance, the amount under the latter head alone being Rs. 5,972 in excess of that for 1893-94.

82. The following statement shows the receipts and expenditure of the several Divisions, with financial results, the figures of the previous year being given for purposes of comparison :—

Division.	Receipts.		Charges.		Surplus.		Deficit.	
	1894-95.	1893-94	1894-95	1893-94	1894-95.	1893-94	1894-95	1893 94.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs	Rs	Rs.
Direction	489	13	59,686	57,143	...	...	59,197	57,130
Naini Tal	87,599	78,162	78,031	59,213	9,568	18,949	...	...
Kumaun	1,25,828	1,34,400	47,099	49,659	78,729	84,741	...	...
Garhwál	1,91,868	1,86,901	75,896	78,082	1,15,972	1,08,819	...	...
Ganges	1,86,581	1,57,180	65,179	47,652	1,21,402	1,09,528		..
Bundelkhand	28,418	25,221	35,791	25,937	...	...	7,373	716
Total ...	6,20,783	5,81,877	3,61,682	3,17,686	3,25,671	3,22,037	66,570	57,846
Net surplus ...	...	...	...	...	2,59,101	2,64,191	...	...

83. The decrease in the surplus of the *Naini Tal Division*, as compared with that of the previous year, becomes in reality an increase of Rs. 7,000, if regard be had for the fact that the stock in hand in this charge at the close of the year was more valuable by Rs. 10,000 than in 1893-94, and that the outstandings on account of revenue at the close of the year were Rs. 6,124 more than at the beginning of the year. Reference is here invited to the remarks made in paragraph 77.

84. In the *Kumaun Division* the surplus is less by some Rs. 6,000 than that of the unsatisfactory year 1893-94. The subject has been referred to in paragraphs 67, 68, 69 and 70 of this report.

85. The increases in the surplus of the *Garwál* and *Ganges Divisions* are due to more favourable timber and bamboo sales.

86. The financial results of the Bundelkhand Division are disappointing; but against the deficit of Rs. 7,000 may be placed the charges on account of the survey of the Lalitpur forests and the building of the Chauri rest-house, both non-recurring items of expenditure, the former amounting to Rs. 4,282, and the latter to Rs. 2,355. The revenue itself exceeds that of the previous year by Rs. 3,197.

87. The net summary of the year's financial transactions may be stated as under—

	Rs.
Cash surplus	2,59,101
Increased value of stock in hand	+ 26,501
Difference in outstandings of revenue due to the Department between the commencement and close of the year	+ 3,273
Total ...	2,88,874
As compared with	2,93,336 in 1893-94.

(*see* paragraph 16 of Local Government Review on the previous year's Report).

CHAPTER V

FOREST ADMINISTRATION.

88. The Circle was in charge of the following officers during the year :—

	From	To
Mr. H. C. Hill, Conservator	... 1st July 1894	... 20th October 1894.
Ditto	... 3rd December 1894	... 9th February 1895.
Mr. S. Eardley-Wilmot, Conservator,	... 21st October 1894	... 23rd October 1894.
Colonel J. E. Campbell, I.S.C., Offg. Conservator,	23rd ditto	... 3rd December 1894.
Ditto ditto	... 9th February 1895	... 4th March 1895.
Mr. E. P. Dansey, Conservator	... 4th March 1895	... 30th June 1895.

Mr. Hill proceeded on six weeks' privilege leave with effect from the 20th October 1894, and on the 9th February 1895 he was appointed to officiate as Inspector-General of Forests to the Government of India; hence the many changes noted above.

89. The divisional charges were controlled as follows during the year :—

		From	To
Naini Tal Division ...	Mr. F. A. Leete, Assistant Conservator, in charge; Mr. E. L. Haslett, Extra Assistant Conservator attached.	Throughout the year.	
Kumaun Division ...	Mr. A. G. Hobart Hampden, Deputy Conservator, in charge,	1st July 1894,	... 29th September 1894.
	Pandit Raghunath Pathak, Extra Assistant Conservator in charge.	29th September 1894...	17th October 1894.
	Mr. W. Shakespear, Deputy Conservator, in charge.	17th October 1894	... 30th June 1895.
Garhwál Division ...	Colonel J E Campbell, I S C, Deputy Conservator, in charge.	1st July 1894	... 24th July 1894.
	Ditto ditto ...	12th December 1894	... 30th June 1895.
	Pandit Raghunath Pathak, Extra Assistant Conservator, in charge.	24th July 1894	... 12th December 1894.
	Ditto attached ...	1st July 1894	... 24th July 1894.
	Ditto ditto ...	3rd May 1895	... 30th June 1895.
Ganges Division ...	Mr W Shakespear, Deputy Conservator in charge.	1st July 1894	... 9th October 1894.
	Mr. A. G. Hobart-Hampden, Deputy Conservator in charge.	9th October 1894	... 30th June 1895.
Bundelkhand Division	Mr. E. A. Down, Deputy Conservator, in charge.	Throughout the year.	
Working Plans Branch of the Direction Division.	Mr. F. B. Bryant, Deputy Conservator, in charge.	Ditto.	
	Pandit Raghunath Pathak, Extra Assistant Conservator, attached.	13th December 1894 ...	3rd May 1895.

Colonel Campbell proceeded on three months' leave on the 25th July 1894, returning to duty on the 23rd October following; while Mr. E. L. Haslett was absent on sick leave during the seven months commencing 4th September 1894 and ending 3rd April 1895.

90. The proposals for an increase in the Permanent Subordinate Staff (Forest and Office) of the Circle have not yet received the sanction of Government, and pending this sanction it has been only found possible to carry on the work of the Department by the entertainment of an excessive temporary establishment on the roll of which are borne at the present moment several rangers with the "higher-standard" certificate of the Forest School, whose position is thus an anomalous one.

91. The health of the establishment was, all things considered, fairly good; but Mr. E. L. Haslett, Extra Assistant Conservator, fell seriously ill of malarial fever and had, as noted above, to take prolonged leave in consequence. Ten guards and one forester died during the year.

92. Except in the case of the Bundelkhand Division, in which no less than 12 forest guards were dismissed during the year, one of whom was sentenced to five years' rigorous imprisonment for misappropriation of Government money, and in the case of the Garhwál Division where the services of two forest guards had to be dispensed with and a forest ranger fined in connection with a case of unauthorized marking of trees for felling, the conduct of the establishment (both Forest and Office), is favourably reported on.

93. Among the superior officers of the Department, special commendation is due to Colonel J. E. Campbell, I.S.C., Deputy Conservator, Mr. F. B. Bryant, Deputy Conservator, Mr. A. G. Hobart-Hampden, Deputy Conservator, Mr. F. Leete, Assistant Conservator, Pandit Raghunath Pathak, Extra Assistant Conservator, for the excellent work done by them during the year, and the devotion and zeal with which their often trying duties have been performed.

94. Mr. Sheils, Superintendent of the Conservator's office, has, as usual, distinguished himself for his good wook and industry and the perfect system and order with which the duties of the Direction Office are conducted by him.

95. Under the "establishment reorganization scheme" submitted for this Circle the proposed number of rangers is 25, and the proposed number of foresters 34. To meet these requirements the Department actually possesses 13 rangers, of whom 10 have undergone tuition at the Dehra Dún Forest School, and 42 foresters, of whom eight hold the "lower class" certificate; and four students are at the present moment attending the "upper class" at the Forest School, of whom one was deputed this year.

96. It is intended in future to recruit the rangers, as far as this may be feasible and expedient, from among the *private* students attending the school course at Dehra Dún, and the foresters from among the better educated guards of approved service, some of whom it may be possible to depute to the Forest School in the "lower class." The writer's experience in many parts of India has taught him that the very best class of executive forest officer is the promoted guard who has succeeded in winning his way to unexpected advancement by dint of long and good service at the bottom of the ladder, and that the most unprofitable of all subordinate forest officers is the townbred school-boy educated at Government expense in the rudiments of his profession, and who has had no long previous experience of jungle life, jungle tribes and jungle conditions generally. The *private* student at the Forest School will frequently be of this type; but at least if he turns out to be of little use in his profession, the Government will not necessarily incur heavy pecuniary loss on that account. *Per contra*, the chances of a sucessful career in the Forest Depatment are, or ought to be, on the side of the *private* student, dependent as he is from the very outset on his own exertions, on his own resources, and whose subsequent failure to get on in the service represents so much interest on private capital thrown away.

97. Revised shooting rules, having special reference to the fire protection of the Reserved forests, were promulgated during the year. They are not considered satisfactory, inasmuch as they appear to unnecessarily restrict the shooting of game and confer upon the divisional forest officers the undesirable power of being able, should they think fit, to keep everybody not belonging to their own Department out of the Reserved forests for the greater part of the dry season, not excepting the highest officials whom duty may take into the vicinity of the State forests. In the interests of that harmony and good understanding which should always exist between the divisional forest officer and the officers of other departments having business relations with him, this is not considered a desirable state of things, and Government has accordingly been addressed with the view to a relaxation of the rules.

98. The stud of departmental elephants at the close of the year numbered nine only, one having died during the year and been struck off the stock list with the sanction of Government.

E. P. DANSEY,

Conservator of Forests, Central Circle,

N.-W. P. and Oudh.

NAINI TAL:
The 19th September 1895.

OUDH CIRCLE.

No. L. G.107 of 1895-96.

From

Colonel J. E. CAMPBELL,

Offg. Conservator of Forests,

N.-W. Provinces and Oudh, Oudh Circle,

To

The SECRETARY to GOVERNMENT,

N.-W. Provinces and Oudh,

Forest Department.

Dated Naini Tal, the 20th September 1895.

Sir,

I have the honor to submit the Annual Forest Administration Report of the Oudh Circle for the year 1894-95.

2. The reports of the Divisional Officers were punctually submitted, and the financial returns from the Comptroller-General were received in my office on the 2nd September 1895.

I have the honor to be,

Sir,

Your most obedient servant,

J. E. CAMPBELL, Col.,

Offg. Conservator of Forests, Oudh Circle.

OUDH CIRCLE REPORT

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ANNUAL PROGRESS REPORT
OF
FOREST ADMINISTRATION IN THE OUDH CIRCLE
OF THE N.-W. PROVINCES AND OUDH,
For the year ending 30th June 1895.

CHAPTER I.
EXTENSION AND CONSTITUTION OF STATE FORESTS.
I.—Alteration of Areas.

1. The forests at the commencement and close of the year comprised:—

Reserved Forests.

Area on 1st July 1894	...	...	7,95,287 acres = 1,243 sq. miles.
Area on 30th June 1895	...	...	7,95,297 „ = 1,243 „

The only addition to the reserved area was one of 10 acres gained by exchange of land at Baibaha in the Pilibhit district. The correct areas of all the forests will only become available when the forest survey of the circle is completed.

Pilibhit. 10 acres were added to the area of the Reserved Forests by the exchange at Baibaha.

Kheri. The land taken over in exchange with Khairigarh Estate has already been gazetted as reserved Forests, but the exchange has not yet been finally completed the area therefore is entered the same as last year.

Gonda. The area has undergone a slight change by the new alignment of the Forests along the Balrampur boundary, and will be exactly known when the forest survey is completed in this Division.

In Bahraich and Gorakhpur there have been no changes during the year.

II.—Forest Settlements.

2. There are no rights save in Pilibhít. The definitions of concessions have made much progress during the year, but are still incomplete, and will probably be finished next cold weather.

Pilibhit. Exchange of Baibaha was completed by Notifications Nos 59 and 74 of 24th January 1895, and 1st February 1895, respectively. Half a square mile or 312 acres of land was acquired in exchange under Act I of 1894. The Divisional Officer thinks it advisable to allow the rules for the forests open to right-holders to remain in force another year, before taking further steps for defining the quantity of produce to which the villagers are entitled, or otherwise amending them. By Notification No. 355 of 5th June 1895, the groups of villages having rights in the restricted compartments were enumerated, but the compartments still remain restricted.

Kheri. The forest tracts that were made over in exchange for the Khairigarh Estate lands had to be modified, and final transfer was not effected within the year, but should be finished next cold weather. The definitions of concessions have been prepared on the same basis as in the case of the Bhinga and Chakia Charda ranges of the Bahraich Division, and are before Government for preliminary sanction.

Bahraich. Definitions of concessions have been sanctioned by Government for the Bhinga and Chakia Charda forests, and have been partly brought into force during the year; that for Motipur Range was sanctioned after the close of the year.

Gonda. The regulation of concessions have nearly been completed, and a report will be submitted to Government next winter.

Gorakhpur. No further settlements are required in this Division: Rs. 678 were paid as cost of litigation, on account of the 494 acres in the Dudhai forest, reserved last year.

III.—Demarcation.

3. The total length of boundaries at the close of the year in the circle amounted to 1,434 miles, of which 1,137 are artificially marked.

The total expenditure during the year was Rs. 9,001, against Rs. 6,979 in last year.

Form 48 does not appear well suited to show the work done in the erection or in the repairs of monoliths, pillars, &c.

Pilibhit. The total expenditure under this head amounted to Rs. 1,734, against Rs. 1,133 of last year.

71 miles of boundary were demarcated and 374 monoliths were erected. The village boundaries on th right bank of the Chuka have to be laid down by the Collector of Pilibhít, and it is hoped that he will do this early next cold weather, when monoliths will be erected along them.

Kheri Demarcation has to be done next cold weather in Kanjaria Range. In connection with the Khairigarh Exchange much progress has been made, the final demarcation by monoliths will take place next cold weather; 195 monoliths were erected in the Bhira Range along the boundary from Pharainda to Punarbhu Khardinta to Katna, and Katna to the railway line, and around the Khamaria Reserve, at a cost of Rs. 151.

The disputed area of 131 acres at Khamaria was made over to the Taluqdars. Sanction to disforest the area will be applied for on receipt of accurate area statements from the survey department. The total expenditure on demarcation work amounted to Rs. 327 only, against Rs. 2,227 last year.

The Nepal boundary line was cleared as usual on both sides.

Bahraich. 561 stone monoliths were erected during the year, costing Rs. 705, but the total expenditure on this work amounted to Rs. 4,774 as the value of some of the stone monoliths purchased last year was adjusted during the year.

The alignment of the exchanged areas in Charda was completed, and serially numbered, stone monoliths were erected along the new lines; this work was inspected and approved by the Agent of Balrampur Estate

The Nepal boundary line, about 58 miles long, was cleared as usual, at a cost of Rs. 517, and pillars repaired at a cost of Rs. 26.

Gonda. The demarcation along the Balrampur Estate had to be redone in many places, and the cost of this realignment amounted to Rs 541, half of which was paid by the Estate.

Rupees 437 were expended on new work, Rs. 456 on repairs, total Rs. 893. Out of this Rs 274 were expended in the Nawabganj Range for making 84 masonry pillars and the repair of 202 pillars; half of this has been paid by the neighbouring zamíndárs. The Divisional Officer reports that all the boundary pillars of the Division are in good order.

The Nepal boundary was cleared as usual.

Gorakhpur. The work of replacing old boundary marks with monoliths was completed in the southern and in part of the Central Ranges, the rest will be done during 1895-96. The expenditure on this amounted to Rs. 1,272.

IV.—Surveys.

4. Form 49 shows the work under this head up to date. The forest survey was at work in Kheri, Bahraich and Gonda Divisions.

The total expenditure of the Forest Survey Branch up to 30th June 1895, has, as entered in Form 49, by the Superintendent of Forest Surveys, amounted to Rs. 24,434, of which Rs. 11,920 represent the expenditure of the year, as adjusted by the Assistant Comptroller-General (Forests).

Pilibhit. All the new Forest Survey maps of the Division on the scale of 4 inches to the mile have been received.

Kheri. The Forest survey has been completed, but only 9 of the maps have been received.

Bahraich. The Forest survey was commenced during the year in this Division, and the survey of the Bhinga and Chakia Charda Ranges was completed.

Gonda. The Forest survey was at work in these forests, and the survey of the division was nearly completed.

Gorakhpur. The Forest survey could not commence work in this Division duing the year, and the survey is urgently required in order to check the area of the annual coupes.

Regarding the question of the demarcation of the Nepal boundary, mentioned in para. 6 of last year's report, the orders of Government to undertake the survey and demarcations were received during the cold weather of 1894-95, for this work two surveyors were sent, but the work was stopped as the Nepalese (owing to a misunderstanding of orders issued by the Durbar) did not permit the Survey Officials to enter their territory.

CHAPTER II.

HANAGEMENT OF STATE FORESTS.

I.—Regulation of Management.

(*a*) *Working plans and their control.*

5. There are six working plans so far in force in this circle for 921 square miles; of this area the working plan for Bhira, 151 square miles, was sanctioned during the year. Three are in course of preparation and will shortly be submitted to Government,

viz. for the Kanjaria, Chakia Charda, and Pilibhít Forests, comprising an area of 221 square miles, which will complete the working plans for all the divisions, except that 136 square miles will remain unprovided with working plan in Gonda. The working plan for Gonda may be commenced when the country is more opened up by railways or about the time of expiry of the Balrampur grazing lease in 1899.

The cutting of timber on account of the extension of cultivation in some parts of Nepal territory considerably interferes with the sale of timber from the forests of Kheri, Bahraich and Gonda.

Pilibhit.—The working plan for the division is in course of completion Mr. Keshavanand, and will soon be submitted to the Inspector-General of Forests.

Kheri.—The working plan of the Bhura Range was sanctioned by Government in G. O. No $\frac{335}{XIV-506\ A}$, dated 29th May 1895, that for the Kanjaria Range is in progress, and will soon be submitted for the sanction of Government; it is expected that it will come into force next season.

The prescriptions of the Bhira Working Plan, received by the Divisional Officer on the 10th February 1895, couldnot be fully carried out during the year, partly on account of the illness of the trained staff and partly because the plan was sanctioned so near the end of the year.

Bahraich.—The Working Plan for Chakia Charda forests will soon be submitted to Government for sanction. This completes the working plans for the whole division.

During 1893-94, the whole area prescribed could not be worked in the Motipur and Bhinga Ranges, but this work has been completed this year with the exception of 379 acres.

There is at present no demand for the timber (chiefly miscellaneous species) in the Sonpathri working circle in which trees will probably have to be girdled departmentally. During the year, of the total prescribed area of 5,153 acres, 3,035 were felled over in the Motipur and Bhinga Ranges. In working circles II and III of the Motipur Range, the demand for timber was small, because the timber in these coupes was inferior. In working circle I of Bhinga Range the purchasers were exporting the outturn of the previous year's fellings and could not take a new lease. This year attempts are being made to induce merchants from Gorakhpur and Chapra to take up the fellings from Gabhapur; all the coupes for 1895-96 have been marked and the entire produce of the coupes in the Motipur range has been indented for, and also for the coupe in Gulra working circle of the Bhinga Range. It is now hoped that with the facilities for export, aided by some slight reductions of rates, the success of working both in Motipur and Bhinga Ranges will be assured.

Gonda.—The prescriptions of the working plan for the Nawabganj forests were fully carried out during the year, and the portion omitted from last year was also completed in this year.

Gorakhpur.—The working plan sanctioned in May 1894 is in force.

(*b*) Annual Plans of Operations.

6. Annual plans of operations were drawn up for all divisions, and the projects were fairly worked up to.

II.—Working of the year.

(*a*) *Communication and Buildings.*

7. Rupees 30,116 were expended on buildings and Rs. 18,750 on roads, total Rs. 48,866—

	Rs.
On new works, buildings	23,563
Ditto roads	7,540
On repairs of buildings	6,553
Ditto roads	11,210

against Rs. 11,791 on roads and Rs. 23,613 on buildings last year.

Great progress has been made during the year under this head. More attention is now being paid to the need for suitable quarters for subordinates and also to the construction of ordinary country cart roads to facilitate the removal of forest produce from coupes.

The total length of roads now in the circle amounts to 1,424 miles.

Communications.

Pilibhit.—10 miles 6 furlongs of 8 feet wide paths were made during the year, the ordinary repairs were executed at a cost of Rs. 638.

Kheri—The annual repairs of 292 miles of roads and bridges were done at a cost of Rs.1,083 and Rs. 165, respectively; three strong bridges of the standard pattern were made over the Jauraha Nala in the Khairigarh Range at a cost of Rs 934, and two bridges were made in Dudua Range at a cost of 485. The Soheli bridge was erected at a cost of Rs. 63, from which a revenue of Rs. 563 on account of tolls was realized. An establishment to look after the boats at Srinagar Ghat had to be kept up. The total cost under this head amounted to Rs. 6,145.

Bahraich—281 miles of roads were repaired at a cost of Rs. 2929, against Rs. 2,093 last year. The increase in expenditure is due to the raising and embanking some important roads; six new small roads of a total length of 14¼ miles were made at a cost of Rs. 342; 13½ miles of 20 feet roads were made in the Chakia Charda Range at a cost of Rs. 806, to demarcate the new aligment of the Chakia Forests. Half the cost of this road was paid by the Balrampur Estate. The total length of new roads made during the year amounts to 27¾ miles, at a cost of Rs. 745.

Two new bridges part pile, and part boats, were constructed over the Sarju river and Bhadi nala at a cost of Rs. 525 and Rs. 142, respectively, to establish direct communication between Motipur and Chakia Charda, thereby shortening the distance by nearly 10 miles. Two pile bridges over the Orai nala in Motipur Range were completed at a cost of Rs. 258; Rs. 161 were expended on the repairs of existing bridges.

Gonda—72 miles and 6 furlongs of new roads and inspection paths were made, costing Rs. 1,171, of which Rs. 231 were expended on building a strong wooden bridge over the Sujai river in the Nawabganj forests; considering the length of the new roads made, the expenditure on them was very small. The repair of old roads, consisting of 152 miles of roads and inspection paths, and 71 miles 2 furlongs of cart tracks cost Rs. 948. The total expenditure on roads amounted to Rs. 2,119, against Rs. 898 last year; the total length of roads is now 296 miles.

Gorakhpur—The repairs of the existing roads and bridges were executed at a cost of Rs. 1,711; 15 miles and 51¼ chains of new roads were made at a cost of Rs. 3,448 of which Rs. 3,100 were spent on the construction of the Suarbar Lachmipur road, which connects the northern and central ranges with the Uska branch of the Bengal and North-Western Railway. This road is passable all the year round, and forms a most important outlet for the produce of improvement fellings in the Northern range. 4 miles and 56 chains of road remain to be constructed, as arrangements to acquire land outside the Government forests, could not be made during the year under report. Most of the roads have been raised, and the bridges also, so as to allow of the free exit of water; 16 strong pile bridges have been constructed, the cost of which has not been charged during the year.

BUILDINGS.

Pilibhit—A second class Rest House was constructed at Mahofe at a cost of Rs. 1,900, of which Rs. 100 has not yet been charged to the account, and three Forest Guards' quarters were made at Garha, Mathna, and Malasi at a cost of Rs. 320.

Kheri—The Bhira Rest House with its out-houses has almost been completed, bricks have been collected for Rangers' and Forest Guards' quarters in the Kanjaria Range. A bath room has been added to the rest house at Khairigarh, and Rangers' quarters, commenced last year, were also completed. The total expenditure incurred on buildings was Rs. 9,105 against Rs. 8,710 last year, on new works Rs. 8,191 and repairs Rs. 914.

Bahraich—The Kakrahi Rest House was begin during the year, and materials were collected for the rest house at Katenia, in the Motipur Range, on which Rs 735 were expended. The rest houses at Kakardari and Bhartha were begun in the Bhinga Range, and the expenditure incurred amounted to Rs 1,682 during the year. The headquarters' office was built at Bahraich at a cost of Rs. 2,000. The existing houses were repaired at a cost of Rs. 1,253.

Gonda—The expenditure amounted to Rs. 4,705 against Rs. 2,989 last year. The Pipra and Birpur rest houses were completed during the year, at a cost of Rs. 1,393 Work on the forest office and bungalow at Gonda was commenced Rs. 418, being expended. Out-houses and cook house at Birpur and Sungarha were commenced. Seven Forest Guards chaukis were constructed at a cost of Rs. 1,041.

Gorakhpur—Rupees. 4,847 were spent on new buildings and Rs. 1,794 on repairs. The most important works were the construction of the Jagpur rest house at a cost of Rs. 1,868, and the alteration of the head-quarter's bungalow on account of the bad drainage of roof. Rupees 146 were spent in clearing wells and compounds.

A statement showing the various kinds of buildings under the control of this department is given in Appendix I.

8. *Other works.*

Pilibhit—The usual repais of wells costRs 40.

Kheri—Two wells, at Bhira and Sunharipur Phanta were completed at a cost of Rs. 350. The total expen liture was 970, against Rs. 437 last year.

Bahraich.—Two wells were completed in Government villages at a cost of Rs. 250. The existing wells were cleared and repaired at a cost of Rs.150.

Gonda.—A well at Pipra was completed for Rs. 290, and one at Barahwa nearly completed for Rs. 300. The camping grounds were cleared at a cost of Rs. 78.

Gorakhpur.—Two wells, one at Jagpur and one at Gorakhpur, were constructed during the year.

(b) Protection of forests from injury.

(1) General protection and breaches of Forest Law.

9. The measures taken last year for the protection of the forests from injury continued to be enforced during the year under report.

Of 68 prosecutions instituted during the year, 66 cases were disposed of and 2 were pending; there were 53 convictions and 13 acquittals, involving 118 and 44 persons respectively. Last year there were 71 cases, of which 67 were disposed of during the year by 49 convictions and 18 acquittals, involving 87 and 37 persons respectively. The year before that there were still more cases, so it is satisfactory that the number of forest offences seems to be diminishing.

10. The statement given below shows the number and classes of forest offences during the year under report, compared with those of the previous year.

Cases taken into court.

	Injury to Forest by fire.		Unauthorized fellings or appropriation.		Grazing without permission.		Other offences.		Total.	
	1893-94.	1894-95.	1893-94.	1894-95.	1893-94.	1894-95.	1893-94.	1894-95	1893-94	1894-95
Pilibhit ...	2	3	...	5	1	...	2	...	5	8
Kheri ...	1	1	8	8	3	7	2	2	14	18
Bahraich ...	...	...	5	19	29	7	...	1	34	27
Gonda ...	2	4	3	...	2	...	6	...	13	4
Gorakhpur,	...	...	3	9	...	...	1	2	4	9
	5	8	19	41	35	14	11	5	70	66
Difference.	+ 3	...	+ 20	...	—21	...	—6	...	—4	...

The above cases for 1894-95 include 3 pending cases from 1893-94, *i.e.*, 1 injury by fire in Pilibhit and 2 unauthorised fellings in Gorakhpur.

11. The following statement gives information regarding cases compounded under section 67 of the Forest Act.

Cases compounded under section 67 of Act VII of 1878.

Division.	1894-195.		1893-94.	
	Number of offences.	Average for each person.	Number of offences.	Average for each person.
		Rs. a. p.		Rs. a. p.
Pilibhit	6	1 14 0	4	2 10 5
Kheri	6	3 2 3	9	8 2 10
Bahraich	10	2 1 6	8	16 2 0
Gonda	34	2 15 0	47	5 6 6
Gorakhpur	29	2 9 0	33	4 6 4
Total ...	85	2 9 4	101	5 9 4

The number of cases disposed of under section 67 of Act VII were 85, involving 200 persons, comparing with 101 cases and 187 persons in the previous year.

PROTECTION FROM FIRE.

12. The season was a favorable one for fire protection, owing to frequent rain during the cold weather and the failures have decreased from 42,534 to 10,237 acres, of which nearly $\frac{2}{3}$ was in the Pilibhit Division, where however only 3,915 acres were burnt against 33,911 of last year, but Mr. Wilmot is of opinion that had not the circumstances been propitious for fire protection, the usual area would have been burnt over. The Divisional Officer draws attention to the continued incendiarism in the south and west portions of the forest, and to the continued hostile attitude of the people of Nadha and other villages.

13. The areas attempted to protect were the same as last year in all the Divisions, and the details may be readily seen from the accompanying statements, and the following details for Divisions.

In Pilibhit there were 8 fires. The area burnt was 3915 acres, against 33,911 acres in last year; this success was chiefly due to a favorable season, and in some measure also to the vigilance of the staff. One person was found smoking in the forests and was fined Rs. 10; a similar case was pending at the close of the year, and has since resulted in the conviction of the offender.

Kheri.—There were 12 fires in the Bhira Range, burning an area of 3,973 acres, against 23 fires of 5,038 acres in the previous year. One person who attempted to fire the Trans-Sarda forests, (the whole area of which was successfully protected) was caught and sentenced to six months' rigorous imprisonment. The exercise of rights to pasture and forest produce for three villages of the Bhira Range forests were suspended by G.O. No. $\frac{366}{XIV—588A.}$, of 8th June 1895, under the final clause of section 25 of the Forest Act till the close of the dry season of 1896, for not giving any assistance in extinguishing fires in that range.

Bahraich.—There were no fires, and the fire conservancy in this Division has been most successful for many years past.

Gonda.—There were three fires burning an area of 2,091 acres, against 9 fires of 3,575 acres in the previous year; 116½ miles of fire lines were cut and partly cleared during the year; the cutting of new fire lines in this Division is now completed. Of the three fires, one crossed from the Nepal border, but did little damage, as the ground being heavily grazed over, so there was little grass. Offenders in two cases of attempting to fire the forests were caught in time, and both were punished by the courts.

Gorakhpur.—There was one fire which burnt 258 acres in the shisham plantation at Sakhui. This fire originated from an adjoining piece of grass land and its spreading could not be stopped, on account of a strong breeze that was blowing at the time. The damage done by the fire was very slight, as practically only the grass under the trees was burnt.

14. The following two statements give the results by Divisions, and a classification of the causes of the fires.

No. I.

Division.	Area attempted.				Area protected.		Failures.				Cost.		Cost per acre attempted, in pies.	
	Acres.		Percentage of total area attempted.				Acres.		Percentage of area attempted.					
	1895.	1894.	1895.	1894.	1895.	1894.	1895.	1894.	1895.	1894.	1895.	1894.	1895.	1894.
Pilibhit ...	72,784	72,784	76·02	76·02	68,869	38,873	3,915	33,911	5·38	46·59	1,445	1,961	3·81	5·17
Kheri	1,99,573	1,99,573	71·67	71,67	1,95,600	1,94,535	3,973	5,038	1·99	2·52	8,217	9,687	7·90	9·32
Bahraich ...	1,57,760	1,57,760	74·56	74·56	1,57,760	1,57,750	...	10	0·06	0·06	4,974	5,079	6·05	6 18
Gonda	99,079	99,079	100 00	100 00	96,988	95,504	2,091	3,575	2·11	3·40	2,865	709	5 55	1·37
Gorakhpur ...	81,903	81,903	74 14	74·14	81,645	81,903	258	...	·31	...	2,441	4,423	5 78	10 37
Total ...	6,11,099	6,11,099	76 82	76·82	6,00,862	5,68,565	10,237	42,534	1·67	6 97	19,942	21,859	6·26	6·68

No. II.

Year.	By the forest establishment when burning the fire lines.		Fire which entered the forests by crossing exterior fire lines.		By workmen (when in forest employ), by accidents		By villagers, travellers or soldiers, by accident.		Fire caused by lightning or fire, balloons.		Maliciously lighted inside the forests.		Causes unknown.		Total.	
	Number.	Area in acres.	Number.	Area in acres.	Number.	Area in acres.	Number.	Area in acres.	Number.	Area in acres.	Number.	Area in acres.	Number.	Area in acres.	Number.	Area in acres.
1895	2	318	3	2,168	...	...	2	27	..	...	14	7,488	3	286	24	10,237
1894	2	44	9	4,802	...	...	4	1,134	..	...	29	35,603	5	771	49	42,534

(3) *Regulation of grazing and protection from cattle.*

15. Form No. 54 shows that of the total area of 1,243 square miles, 627 square miles are closed to grazing for the whole year, while 40 square miles are closed for part of the year, and the remaining 576 square miles are open to grazing all the year.

Form No. 55 shows the actual number of cattle grazing in the state forests and grazing dues realized during the year also the estimated value at full rates for the privileged and free cattle.

The closing of forests in Bahraich, as sanctioned by Government, could not take effect during the year, as the grazing year begins from October, but will come into force from 1st October 1895. The demarcation of the grazing blocks in this division is being carried on, and will be completed before 1st October 1895, and in other divisions blocks will be permanently demarcated next cold weather. Six square miles were opened to grazing in the Tulshipur forests of Gonda Division, as sanctioned in G. O. No. $\frac{767-F}{503A.}$ of 20th September 1894; many cattle owners in Gorakhpur took their cattle to Nepal to graze.

16. Rules for the regulation of the capture of wild cattle in the Bhinga forests by means of kheddas were sanctioned in G. O. No. $\frac{213}{XIV-503A.}$, of 30th March 1895, and the effect of these kheddas has been distinctly beneficial, for cattle trespass in the closed forests has been less frequent than formerly. Thirty eight head of wild cattle were captured during June 1895. A special report on the khedda operations of this year has been called for, and will be submitted to Government. (Since submitted.)

(c) *Improvement of Forest growth.*

(1) *Natural Reproduction.*

17. The sal seeded in all divisions except Pilibhít, where there are comparatively very few seed bearers capable of producing fertile seed. In Gorakhpur the seed was blown down before it was mature, and asaina did not seed there at all; in the Motipur and Charda Ranges of the Bahraich Division there was no sal seed the Chakia Range, the sal seeded fairly well.

18. The Inspector-General especially commented on the great improvement in natural reproduction in the Kheri forests since his former inspection.

19. Kusam seedlings are seldom found, which is to be regretted, as this tree in Gonda formerly yielded a large revenue: the number of seedlings of sal, asaina and dhau is satisfactory in the areas closed to grazing in this division.

(2) *Artificial Reproduction.*

20. A plot of 50 acres was planted with sterculia seedlings in the Motipur range of the Bahraich Division at a cost of Rs. 105 ; some sal seed was sown on a small area of seven or eight bighas in the Nawabganj Range of the Gonda Division ; in Gorakhpur thinnings were made over the 2,206 acres of the Shisham planlation at Sakhui, the trees being very small the proceeds were sold as fuel ; there was no extension of cultural operations in this division.

(3) *Early Thinnings.*

21. No early thinnings were undertaken during the year ; such thinnings are not urgently required, except over a very limited area ; this work will be carried out as soon as a sale can be found for the produce.

(4) *Other operations for the improvement of the growing stock.*

22. Climbers were cut over 42,284 acres at a total cost of Rs. 1,972 or 8·9 pies per acre, as detailed below.

In Pilibhit ...	...	803	acres at a cost of	10	pies per acre.
„ Kheri ...	...	20,968	„ „	10 93	„
„ Bahraich ...	...	4,428	„ „	14 2	„
„ Gonda ...	...	8,566	„ „	10	„
„ Gorakhpur ...	...	7,719	„ „	8·6	„

The cost in Gonda in the Jerwa and Khairman blocks was as high as 20 or 25 pies per acre.

23. The cutting and girdling of useless trees which were suppressing the young growth was carried out in the Nishangara and Murtiha working circles of Motipur Range, and also on the second periodical block of the bamboo forest, Bahraich Division.

(5) *Experiments.*

24. The usual measurements of sample plots were made in the Kheri and Bahraich Divisions, and two sample plots were selected in the Sonaripur and Dudhai Forests of the Gorakhpur Division. The measurements of the sample plots have not been made this year in the Pilibhit Division through the negligence of the protective staff, which was mostly new in the division.

(*d*) *Exploitation of Major forest produce.*

25. The felling in this circle consists of selection, improvement, coppice and unregulated fellings ; the details by divisions are given below.

(1) *Selection fellings.*

26. This year 1701 trees were cut against 2132 trees of last year, chiefly of Kusham, Dhau and miscellaneous kinds, and were removed by purchasers over the whole area of the Northern Forests of the Gonda Division.

(2)—Improvement Fellings.

37. Pilibhit —Improvement fellings were made this year in the Dhanaraghat Range over an area of 1,042 acres, which yielded 254,037 cubic feet, or 244 cubic feet per acre, and the whole was sold as firewood at Rs 1 4 per 500 stacked cubic feet to lessees, who cut and exported the produce themselves. In future, pieces fit for t mber of sorts should be sold as timber, as was done in former years.

Kheri (Trans-Sarda). The coupe, as prescribed by the working plan, consisted of 3,824 acres, to this a portion of coupe IV, consisting of 620 acres was added by the sanction of the local Government, and, in addition to this, purchasers were allowed to remove ringed trees from coupes I and II, finally clearing up these coupes. A small portion of coupe I consisting of 200 acres, which was by oversight omitted when the coupe was marked, was also worked over.

The total outturn being as under—

	C. F.
Sal	1,43,906
Asaina	77,396
Miscellaneous	1,613

The area of coupe IV for the ensuing season was duly marked in accordance with the Working Plan.

The girdling and felling of trees marked in coupe II, but not felled by purchasers, was completed.

1,05,515 maunds of fuel were removed by the railway company from coupes I and II, against 25,000 maunds last year.

Cis Sarda.—78,900 solid feet of fuel were cut and removed before the Working Plan came into force.

The fellings prescribed by the Working Plan could only partly be carried out owing to the illness of the ranger and forester.

The export from the improvement fellings amounted to 49,282 maunds.

Bahraich.—The whole area of the coupes of 1894-95 worked over in Motipur Range was 1,725 acres, and the outturn therefrom was 234,290 cubic feet, or an average of 135 cubic feet per acre.

The coupes were all marked by December 1894, but some of the purchasers could not finish extracting their timber from the previous year's coupes while the clear fellings in Nepál discouraged others from taking timber from the Government Forests

1,142 acres of the past year's coupes were worked over yielding an outturn of 63,160 cubic feet.

The fellings in Charda were continued over an area of 184 acres yielding an outturn of 138,681 cubic feet.

The outturn from the Bhinga Range amounted to 44,435 cubic feet.

The whole outturn from the Improvement fellings over the three ranges of Motipur, Chakia Charda and Bhinga amounted to—

	C. F.
Timber	3,63,766
Fuel	1,16,800
Total	4,80,566

Gonda *Nil.*

Gorakhpur.—3,855 acres were worked over in coupe I yielding an outturn of 1,418,630 cubic feet in timber, and 980,320 cubic feet in fuel or 573 cubic feet of timber and 400 cubic feet of fuel per acre.

(3)—COPPICE WITH STANDARD FELLINGS.

28 **Kheri**—Coppice fellings, as prescribed in the working plan of Bhira Range, were commenced, but the whole coupe was not fully worked by the Railway Company, whose arrangements were not perfect, this being the first time that the work was undertaken by them. The outturn amounted to 62,920 maunds.

Gonda—663 acres were worked over giving an outturn of 365,725 cubic feet or an average of 552 solid feet per acre. Felling by Government agency took place over 197 acres.

Gorakhpur.—15,176 acres were worked over in working circles I, II a and IIb giving an outturn of 29,696 cubic feet of timber and 1,359,038 cubic feet of fuel.

The markings and fellings were carried out by trained forest rangers, about 60 standards per acre having been left in the area worked over for the coppice with standard fellings

(4)—UNREGULATED FELLINGS.

29. **In Pilibhit.**—These were done by villagers in exercise of their rights in the open forests of pargana Pilibhit, and in the unrestricted compartments of pargana Puranpur; but to prevent the destruction of the forests from which the produce is drawn, it seems necessary to regulate the fellings on a fixed plan. Clearances were made along the exterior boundaries of the restricted compartments, the fire lines having been widened from 15 to 50 feet; whilst the 15 feet lines between the restricted and unrestricted compartments were widened to 30 feet.

In Kheri.—The amount of major forest produce exported was obtained from the widening of the fire lines in the division, and the extraction of dry timber from certain compartments, the outturn being about 10,054 cubic feet of sal and asaina.

In Bahraich—No green trees were felled under this head, except on fire lines. The outturn in the Motipur Range was obtained from the clear cut fire lines, and that in Chakia-Charda partly from clearances on the new Charda alignment, and partly from dry timber.

In Gonda.—Almost all the outturn was obtained from clear felings on fire lines. In last year's return, the amounts of the free grants of timber and fuel were not correct; the greater part of the amount entered as timber should have been entered as fuel instead. Hence the free grant of timber is less this year and the fuel more.

In Gorakhpur.—The outturn includes the dry timber and fuel taken from the forests in all the ranges, and from the roads cut in the Northern and Central Ranges.

(c)—Extraction and transport of Major Forest produce by land and water.

30. The extraction of timber by Government agency, has now nearly ceased and purchasers cut and remove all the timber, except in the Chakia Chadra Range of the Bahraich Division, where both timber and fuel are exported by departmental agency.

In Kheri contracts for fuel have been given to the railway company and other contractors. Water carriage is still used in many forests, but there are now good roads which act as feeders to the railway lines, the most valuable produce being carried to long distances by rail. Also the extension of railways into the heart of the forests has greatly facilitated the extraction of forest produce generally, and has increased the value of all produce, especially that of inferior material, which before was often not worth the cost of removal.

Parts of the Gonda forests are still far from the railway.

(*f*) Exploitation of Minor Forest produce.

(1) *Extraction of fodder.*

31. There is no sale for fodder in this circle.

(2)—*Grazing.*

32. Form No. 55 gives the grazing statistics for the year.

The following statements show the number of cattle, and the area over which they grazed, with acreage per head.

	Free.	At privileged rates.	At full rates.
Cows	30 802	1,87,157	42,851
Buffaloes	5,311	30,513	11,770
Miscellaneous	1,190	20,045	3,987
Total ...	37,303	2,37,715	65,608

Division.	Head of cattle.	Acres open to grazing.	Average per head.
Pilibhit	36,975	30,720	·85
Kheri	87,137	1,20,280	1·48
Bahraich	1,51,497	1,28,894	·8
Gonda	36,631	50,279	1·26
Gorakhpur	28,396	32,000	1·1
Total ...	3,40,636	3,71,173	1·09

In Bahraich of the area previously open 1,026 acres were closed to grazing during the year instead of 6,640 acres; the difference is explained in paragraph 15.

In Gonda an additional area of 3,282 acres were opened to grazing in Tulshipur.

The total revenue realized was 36,787 against Rs. 50,824 last year. The decrease is explained in paragraph 35.

It is regretted that it is not yet possible to record the number of cattle entitled to graze in the circle, as this depends on the definition of concessions, which as yet have only been sanctioned for the Bahraich Division, where the arrangements could not be fully carried out during the year.

(3)—*Miscellaneous produce.*

33. In Pilibhit.—Leases were given for most of the minor produce, Baib grass realized Rs 1,462.

In Kheri.—Baib grass was cut and collected departmentally and realized Rs. 11,109. Leases were given for other minor produce to contractors.

In Bahraich.—Leases were given for most kinds of minor produce and realized Rs. 8,588 Ramboos were cut departmentally. Baib grass was not leased during the season, the divisional officer having failed to do so.

In Gonda.—Leases were given for most kinds of minor produce. Baib grass was sold locally, as it did not pay to take it to the railway.—Thatching grass realized only Rs. 222 as a large amount was available in zamíndári forests.

In Gorakhpur all the minor produce was leased to contractors; Rs. 19,993 being realized, of which Rs 15,319 was for thatching grass.

CHAPTER III.

GROSS YIELD AND OUTTURN OF FOREST PRODUCE.

I.—Departmental operations.

34. The following statement shows the outturn of major and minor forest produce, exploited by Government agency, by divisions.

(*a*) *Timber and fuel (in cubic feet.)*

Fellings.	Pilibhít.	Kheri.	Bahraich.	Gonda	Gorakhpur.	Total	Corresponding figures for 1893-94.
Selection	...	...	...	1,081	...	1,081	3,276
Coppice	...	...	..	1,35,395	11,15,985	12,51,380	10,26,422
Improvement ...	.	1,05,226	44,670	...	...	1,49,896	5,17,995
Unregulated ...	2,476	12,406	...	38,362	12,258	65,502	4,00,134
Total ...	2,476	1,17,632	44,670	1,74,838	11,28,243	14,67,859	19,47,827

The decrease in all divisions is chiefly due to departmental operations giving place to removal by purchasers.

There was a greatly diminished demand for timber from selection fellings in Gonda on account of the best timber having been removed in former years.

The increase under coppice fellings in Gorakhpur is due to the larger area worked over this year, and also to the fellings having been made more open, *viz.*, with fewer standards than last year.

The decrease under improvement felling is chiefly due to less fuel operations in Kheri ; and to less removal of timber and fuel from the Charda forest of the Bahraich Division.

The large decrease under unregulated fellings is due to the cessation of departmental operations in Pilibhít, and to lines having been widened by puchasers, who were paid in produce; and to no new fire lines having been cut in Gorakhpur this year.

(*b*)—*Other minor produce.*

Descriptions.	Pilibhít.	Kheri.	Bahraich	Gonda.	Gorakhpur.	Total.	Corresponding figures for 1893-94.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Other minor produce sales.	...	11,146	405	3,759	4,212	19,522	15,163

The increase is chiefly due to baib grass having been worked departmentally in Kheri during the year ; and to the sale of baib grass in Gonda from stock collected in 1893-94 ; and also to sales of grass in the Nagwa forests of the Gorakhpur Division.

II. Removal of produce by purchasers.

35. The following statement will show the outturn of produce by divisions.

(a)—Timber and fuel.

Fellings	Pilibhít.	Kheri.	Bahraich	Gonda.	Gorakhpur.	Total.	Total 1893-94.
	c. ft.	c. ft	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.
Selection ...	...	...	...	22,725	...	22,725	54,080
Coppice ...	...	1,25,850	...	2,30,330	2,72,749	6,28,929	69,129
Improvement ...	2,54,037	5,82,350	3,41,941	...	39,00,181	50,80,908	4,10,995
Unregulated ...	1,25,554	48,715	77,815	1,67,444	1,89,246	5,58,774	6,34,864
Total ...	3,79,591	7,56,915	4,19,756	4,20,499	43,12,176	62,91,336	11,69,018

The decrease in selection fellings in Gonda is due to the very poor demand for timber, owing partly to the opening up of the forests near the line of rail in Gorakhpur, Bahraich and Nepal, whence timber of better quality can be carried to the Gogra cheaper than from the Gonda Forests.

The increase under coppice fellings is due to the system being introduced in the Bhira Range of Kheri and in the Gonda Division, during the year; and in Gorakhpur, to the forests having been opened out, and only 60 standards per acre having been retained, and also to the increase in the area worked over.

The large increase under improvment fellings is principally due to the introduction of this system in Pilibhít, to fuel having been removed by the Rohilkhand and Kumaun Railway from the fellings prescribed from the Trans and Cis-Sarda Forests, and to the finishing the last year's coupes, in addition to this year's coupes, in Bahraich and Gorakhpur; the largest increase was in Gorakhpur.

The increase in Pilibhít under unregulated fellings is due to the widening of the fire lines; the decrease in Kheri, Bahraich and Gorakhpur, is due to the system of clear cut fire lines, &c., being nearly complete.

(b)—Other minor produce.

Description.	Pilibhít	Kheri.	Bahraich	Gonda.	Gorakhpur.	Total.	Corresponding figures for 1893-94.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Grazing	706	7,584	19,191	5,094	4,212	36,787	50,824
Other minor produce ...	2,925	1,759	8,688	3,256	11,570	28,198	44,892
Total ...	3,631	9,343	27,879	8,350	15,782	64,985	95,716

The decrease of Rs. 14,037, under grazing is chiefly due to grazing dues not having been fully collected during the year and to less grazing of 51,204 animals than in the previous year, as many of the cattle owners took their cattle to Nepal.

The decrease of Rs. 16,768, under minor produce is chiefly due to baib grass having been worked departmentally in Kheri and to the contractors for the thatching-grass of Nagwa forests in Gorakhpur Division having failed to carry out their contract, and the grass having been sold departmentally; and also to the stopping of the catechu industry in Gonda.

III. Free grants under executive orders, and removals by right-holders.

36. The following statement shows details by divisions.

(a)—Timber and Fuel.

Fellings.	Pilibhít	Kheri.	Bahraich.	Gonda.	Gorakh-pur.	Total.	Corresponding figures for 1893-94.
	c. ft	c. ft.	c. ft	c. ft.	c. ft.	c. ft.	c. ft.
Unregulated.	3,62,468	1,95,521	6,11,066	95,023	...	12,64,078	12,56,873

There was some increase in Pilibhít and Bahraich on account of the season being favourable; and in Gonda because of the fuel supplied to the party of the Maharaja of Nepal.

In Kheri less was supplied, as 49 villages were removed from the privileged list, owing to the exchange of lands with the Khairigarh Estate.

(b)—Other minor produce.

Description.	Pilibhít.	Kheri	Bahraich.	Gonda.	Gorakh-pur.	Total.	Corresponding figures for 1893-94.
	Rs.	Rs.	Rs	Rs	Rs.	Rs.	Rs.
Grazing	7,702	2,359	11,870	3,200	...	25,131	30,315
Other minor produce ...	971	3,293	1,633	696	...	6,593	12,513
Total ...	8,673	5,652	13,503	3,896	...	31,724	42,828

The increase in Pilibhít is due to the value of free grazing being calculated at full rates instead of privileged rates as was done last year; the decrease in Kheri is due to the exclusion of 49 villages from the privileged list in the Khairigarh exchange of lands, in Gonda the grazing for 1894-95 includes Rs. 410 worth of fodder given free to the Nepal elephants.

IV.—Summary of produce removed from the forests.

37. The following statement summarizes the above information:—

Divisions.	Timber and fuel.		Other produce.		Difference.			
					Timber and fuel.		Other produce.	
	1893 94	1894-95.	1893-94.	1894-95.	+	−	+	−
	c ft.	c ft	Rs.	Rs	c. ft.	c. ft	Rs.	Rs.
Pilibhít	3,90,708	7,44,535	9,986	12,304	3,44,827	...	2,318	...
Kheri ...	12,13,370	10,70,068	43,106	26,141	...	1,43,311	...	16,965
Bahraich	9,78,626	10,77,891	56,621	41,787	99,265	...	...	14,834
Gonda	5,48,118	6,90,360	20,408	16,005	1,42,242	...	...	4,403
Gorakhpur ...	12,33,887	54,40,419	23,586	19,994	42,06,532	...	...	3,592
Total ...	43,73,718	90,23,273	1,53,707	1,16,231	47,92,866	1,43,311	2,318	39,794

There is an increase of 4,649,555 cubic feet in the outturn of timber and fuel, of which 4,206,532 are from Gorakhpur, due to extended coppice fellings, and to the coupes of 2 years having been worked over together this year under improvement fellings ; the increase in Pilibhít is due to the introduction of improvement fellings, and to the widening of fire lines ; the increase in Bahraich is due to the large exports from improvement fellings, which are gradully increasing ; the increase in Gonda is due to fuel removed by purchasers from coppice fellings, and from cutting of fire lines ; while there is a decrease in Kheri, due to less removal of timber and fuel by concessionists, and to few new fire lines having been cut during the year.

The decrease under other produce is explained in paragraphs 34 to 36.

CHAPTER IV.

FINANCIAL RESULTS.

38. Statement below gives the results for the last six financial years, and the last two forest years.

Years.	Square miles.	Gross revenue.	Expenditure.			Net surplus.	Revenue and expenditure per square miles.					Percentage of gross revenue and expenditure.		
			Conservancy and works.	Establishment.	Total.		Gross revenue.	Conservancy and works.	Establishments.	Total.	Surplus.	Conservancy and works.	Establishment.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs	Rs.	Rs	Rs.
Average of Financial years to 1893-94.	1,235	6,95,201	2,64,815	1,12,107	3,76,922	3,18,279	562	214	91	305	257	38	16	54
1893-94 Forest year.	1,243	6,76,417	2,11,026	1,26,281	3,37,307	3,39,110	544	169	101	270	272	31	19	50
1894-95 Forest year.	1,243	6,09,509	1,82 781	1,29,878	3,12,659	2,96,850	490	147	104	251	239	30	21	51

It will be observed that the gross revenue is Rs. 85,692 less than the average of the last six financial years, and Rs. 66,908 less than in the last forest year. The expenditure is Rs, 64,263 less than the average of financial years, and Rs. 24,648 less than that of the preceding forest year.

The net surplus is Rs. 21,429 less than the average of six years, and Rs. 42,260 less than in the last forest year.

39. The following statements show the revenue and expenditure by Divisions, and also by budget main heads, for the year under report, compared with that of the previous year.

Division.	Receipts.		Charges.		Surplus.		Deficit.		Percentage of charges on receipts.	
	1894-95	1893-94	1894-95	1893-94	1894-95	1893-94	1894-95	1893-94.	1894-95.	1893-94.
Direction...	6	106	31,343	30,153	...	...	31,337	30,047	...	...
Pilibhít ...	7,449	6,348	22,446	19,444	...	...	14,997	13,096	301	306
Kheri ...	3,19,328	3,40,663	76,267	97,510	2,43,056	2,52,153	...	...	23	27
Bahraich ...	1,31,085	1,34,326	66,756	66,612	64,329	67,714	...	...	50	49
Gonda ...	39,442	53,200	43,155	33,846	...	19,354	3,713	...	109	63
Gorakhpur	1,12,204	1,32,774	72,692	89,742	39,512	43,032	...	...	17	67
Total ...	6,09,509	6,76,417	3,12,659	3,37,307	2,96,850	3,39,110	...	...	51	50

The falling off of Rs. 66,908 is mainly due to less sale of accumulated stock of timber than in the previous year, chiefly in Kheri ; and of fuel, chiefly in Gorakhpur ; to decrease of grazing dues in all division, to decrease of revenue from minor produce chiefly in Kheri, Gonda and Gorakhpur ; by direct sales and to less drift wood collected and sold in all divisions ; while the revenue from timber and fuel sold direct to purchasers increased in all divisions, except in Gonda; also the revenue from minor produce under Government agency increased in Kheri and Gorakhpur, and the increase under miscellaneous revenue is mainly from Kheri, due to realization of rent from the Bardia villages.

I.—RECEIPTS.

Forest year.	I. Timber and other produce removed from the forests by Government agency.	II. Timber and other produce removed from the forests by purchasers	III. Confiscated drift and waif timber	IV. Revenue from forests not managed by Government	V. Miscellaneous receipts.	Total.
1893-94 ...	3,20,002	3,30,861	11,239	...	14,315	6,76,417
1894 95 ...	2,26,339	3,51,733	8,157	...	23,280	6,09,509
Difference ...	—93,663	+ 20,872	—3,082	...	+8,965	—66,908

II.—EXPENDITURE.

A.—Conservancy and works.

Year.	1. Timber and other produce removed from forests by Government Agency	II. Timber and other produce removed from forests by consumers or purchasers	III Confiscated drift and waif wood.	IV Revenue from forests not managed by Government	V. Rent of leased forests and payments to shareholders.	VI Livestock, stores, tools and plant.	VII. Communications and buildings.	VIII Demarcation, improvement and extension of forests.	IX. Miscellaneous.	Total.
1893 94.	81,002	11,491	5,038	...	...	12,251	38,739	53,397	9,108	2,11,026
1894-95.	53,958	11,379	5,371	...	..	7,554	51,677	48,336	4,506	1,82,781
Difference	—27,044	—112	+333	...	...	—4,697	+12,938	—5,061	—4,602	—28,245

III. EXPENDITURE.

B.—Establishment.

Year.	I. Salaries.	II. Travelling allowances.	III. Contingencies.	Total.
1893 94	1,03,324	14,675	8,282	1,26,281
1894-95	1,05,940	14,681	9,307	1,29,878
Difference	+2,616	—44	+1,025	+3,597

There has been a decrease in expenditure of Rs. 2,70,440 under A. I. due to less departmental timber and fuel operations in all divisions.

There has also been a decrease under heads A. VI., A. VIII and A. IX., the increase under A. VII of Rs. 12,938 was chiefly due to the making of new roads and bridges, and to the construction of buildings in all divisions; on such works it is hoped expenditure will greatly decrease in future years, as the system of roads and buildings is almost completed in this circle.

The increase under B. I., was chiefly for the temporary establishment, and for enhanced rates of Exchange Compensation Allowance; the increase under contingencies of Rs. 1,025 was chiefly due to extra marching of divisional Officers, and to charging the cost of certain rest house furniture to this head.

40. Receipts and expenditure prescribed in form 65 are compared with those of the previous year as below: —

		Departmental timber operations.		Other revenue.		Organization, improvement and extension of forests.	Net surplus.
		Receipts.	Charges.	Receipts	Charge.		
Forest year	1894 95 ...	2,26,339	1,24,113	3,83,170	86,903	1,01,643	2,96,850
	1893-94 ...	3,20,002	1,47,813	3,56,415	84,493	1,05,001	3,39,110
Difference	More ...	...	...	26,755	2,410	...	...
	Less ...	93,663	23,700	...	...	3,358	42,260

41. The outstandings on account of revenue have decreased from Rs. 71,525-3-3 at the commencement of the year, to Rs. 43,862, due chiefly to the realisation of outstandings from the Railway Department, on account of the supply of timber from Kheri Division.

42. The outstandings on account of contractors and disbursers have decreased from Rs. 40,199-5-8 at the commencement of the year to Rs. 36,108-12-5 at its close.

43. The difference between the value of timber and other produce, and of live and dead stock in hand at the beginning and at the close of the year was as follows:—

	Timber	Live and dead stock.
Value on 1st July 1894	3,14,221	2,45,309
Do. on 30th June 1895	83,204	2,62,778
Difference	−2,31,017	+17,469
Total balance against the year		.. −2,13,548

The value of the year's transactions stands as follows:—

	Rs.
Cash surplus.—	2,96,850
Add value of dead stock (Form 60 A)	+17,469
Total ...	+3,14,319
Deduct loss value of timber and stock (Form 60)	−2,31,017
Ditto outstandings of revenue (Form 65)	−27,663
Ditto ditto against contractors and disbursers (Form 64) ...	−4,090
Total ...	−2,62,770
Total net profit of the year ...	51,549

The deterioration in the value of stock is chiefly in the Kheri division where the heaviest stocks were in hand and is due to the timber being damaged by long keeping.

The following form summarizes the divisional officer's report:

(1) Realized by sale during the year	99,425		
(2) Used departmentally	8,730		
			1,03,155
(3) Deterioration in value of stock sold during the year ..	57,550		
(4) Do. in value of stock remaining in hand	32,566		
			90,116
(5) Value of stock in hand at the end of the year	17,895		
			17,895
Value of the stock at the beginning of the year	Total Rs		2,11,166

Statement showing the differences of increase and decrease in receipts, and in A. expenditure under each of the Budget Sub-Heads by Divisions for the year compared with that of 1893-94 are attached to the report as Appendix No. II.

CHAPTER V.

FOREST ADMINISTRATION.

I.—ESTABLISHMENT.

44. The charge of the circle and of the various divisions was held by the officers as detailed in the statement below:—

Direction	...	Mr. S. Eardly-Wilmot from 1st July 1894 to 30th June 1895. Mr. Keshavanand in charge of working plans from 1st July 1894, to 20th May 1195. Mr. Har Swarup in charge of working plans from 21st May 1895 to 30th June 1895.
Pilibhit	...	Mr. J. M. Blanchfield in charge from 1st July 1894, to 17th March 1995. Mr N. Hearle from 18th March 1895, to 30th June 1895.
Kheri	...	Mr M. Hill in charge from 1st July 1894 to 30th June 1895. Mr. H G Billson attached from 28th October 1894 to 30th June 1895. Mr Har Swarup attached from 8th December 1894 to 20th May 1895.
Bahraich	...	Mr R. A Rebsch in charge from 1st July 1894 to 30th June 1895 Mr. Har Swarup attached from 27th October 1894 to 7th December 1894. Mr. Blanchfield from 18th March 1895 to 30th June 1895 attached.
Gonda	...	Mr Har Swarup in charge from 1st July 1894 to 26th October 1894. Mr L Mercer in charge from 21st October 1894 to 30th June 1895.
Gorakhpur	...	Mr J C. Tulloch in charge from 1st July 1894 to 30th June 1895.

Mr. N. Hearle was transferred to this circle, on completion of his special the duty in Central Circle, in March 1895.

Mr. Har Swarup was employed throughout the field season in preparing definitions of concessions for the Kheri, Bahraich and Gonda Divisions.

Mr. H. G. Billson was transferred to this Circle from the Dehra Dun Division, School Circle in October 1894, remained attached to the Kheri Division in charge of the improvement fellings in Bhadi Working Circle, and the works of the Khairigarh Range, and is very favorably reported on by the Divisional Officer; he is at present in charge of the Gorakhpur Forest Division.

The staff of Range Officers was strengthened by one student from the Imperial Forest School, who is employed in the Gorakhpur Division. Mr. M. Corbett, who had passed out as a Ranger from Dehra School, and had joined the Bahraich Division as a Ranger on the temporary establishment, died on the 5th November 1894.

Of the 10 Range Officers, 6 are trained Rangers. Ranger Lachmi Pershad was suspended from 11th September 1894, and was reinstated from 20th June 1895, the date on which he was finally acquitted by the Sessions Judge of the charge brought againt him. Ranger Hussein Shah was ill for most of the year, and was granted sick leave from 5th February 1895, he has not yet rejoined. Ranger Kamta Pershad also went on sick leave. Rangers Raghubans Sahai and Jaffer Hussein are specially mentioned for good work by their Divisional Officers.

Three trained foresters, who were private students at the Dehra Forest School, joined during the year. There are now 13 foresters in the circle, of these five are trained foresters. One trained forester who had joined the Kheri Division from the Forest School was soon dismissed for extorting money from Tharus, and another trained forester, Sunder Lal, was punished under section 61 of the Forest Act.

The circles supported one paid student studying in the Upper Class at Dehra Forest School, who failed to pass the final examination in March 1895. Dismissals among the forest guards were very frequent; six forest guards were dismissed and six resigned in the Pilibhít Division alone, and a large number in other divisions also were dismissed and discharged. It seems advisable generally to improve the pay of the forest guards, in order that men of good character, constitution and physique may be obtainable for the posts, and be satisfied to remain long in the department.

Divisional Officers report fairly of many of the subordinates both in the executive, protective and office establishments. It is generally stated that the executive establishment is too weak to cope with the work to be done, and in this connection it is proper to call attention to the reorganisation of both the forest and office establishments.

The officers of the Controlling Staff have all done good work, and much progress has been made in demarcation and in constructing new roads and houses.

(2).—*General Administration.*

45. The demarcation of the new boundary of the Charda Forest, showing the exchanges with the Balrampur Estate was finished, and the execution of the deed of transfer will soon be completed. The alignment of a branch line of the Bengal, North-Western Railway from Nanpara to Kataniaghat was made; the construction of this line will probably be commenced next season. The railway from Gonda to Tulshipur has been begun, and will probably reach Tulshipur in two or three years' time.

(3).—*General Remarks.*

46. The year was a particularly unhealthy one in the Bahraich Gonda and Gorakhpur Divisions; in Pilibhít, fever was prevalent as usual. In the Kheri Division, the health of the establishment was, on the whole, good.

DATED NAINI TAL:
The 20th September 1895.

J. E. CAMPBELL, COL.,
Offg. Conservator of Forests, Oudh Circle.

SCHOOL CIRCLE.

No. 87 of 1895.

From

A. SMYTHIES, Esq.,

Officiating Conservator of Forests, School Circle,

North-Western Provinces and Oudh,

To

The SECRETARY to GOVERNMENT,

North-Western Provinces and Oudh,

Forest Department.

Dehra Dún, 16th September 1895.

Sir,

I have the honour to submit the Annual Forest Administration Report of the School Circle, for the year 1894-95.

2. The reports of the Divisional Officers were punctually submitted, and the financial returns from the Comptroller-General were received in my office on the 3rd September 1895.

I have the honour to be,

Sir,

Your most obedient servant,

A. SMYTHIES,

Officiating Conservator of Forests, School Circle,

N.-W. Provinces and Oudh.

SCHOOL CIRCLE REPORT, 1894-95.

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ANNUAL PROGRESS REPORT

OF

ADMINISTRATION OF THE SCHOOL CIRCLE,

N.-W. PROVINCES AND OUDH.

For the Forest year 1894-95, ending on 30th June 1895.

CHAPTER I.

EXTENSION AND CONSTITUTION OF STATE FORESTS.

(i) ALTERATION OF AREA.

1. The area of the reserved forests of the Circle has undergone but little change luring the year. No additions were made, but an area of 15 acres was excluded from he Maidan forest of the Dehra Dún Division.

2. The forests at the commencement and close of the year comprised :—

Class of Forest.	Area on 1st July 1894. Area	Square miles.	Area on 30th June 1895 Area.	Square miles.
Reserved	4,62,284	722	4,62,269	722
Leased	54,198	85	54,198	85
Unclassed	8,928	14	8,928	14
Total ...	5,25,410	821	5,25,395	821

The question of re notification, with more accurate boundary descriptions, has continued to occupy the Conservator's attention during the year The notification re-gazetting the forests of the Dehra Dún Division was issued during the year, and that for the Saháranpur Division was awaiting the final survey of a portion of the boundaries which was completed before the close of the year ; it should be ready by 1st January 1896. The draft notification re gazetting the forests of the Deoban Range of the Jaunsár Division was submitted to Government towards the close of the year and is expected to issue shortly. The work in the rest of Jaunsár has made good progress, and the notification should be ready by April 1st, 1896

The patches of cultivation in the Deoban Range, known as "chaks", have been described and mapped, and a report has been submitted to Government so that their exclusion may shortly be expected. Thanks to the kind help of the Superintendent of the Dún, the settlement of the rest of the chaks may soon be expected. There still remain some areas of unassessed cultivation in these forests which it is most desirable to settle once for all, as otherwise they are likely to prove a fruitful source of trouble in the future.

(ii) FOREST SETTLEMENTS.

3. Form No. 47 gives the progress of forest settlements and shows 722 square miles as already settled. As already noted in paragraph 2 the settlement of the enclosures has nearly been completed in all divisions, and it is hoped that the work will be brought to a close during the current year. About 300 acres of the Uparla Song block were under settlement pending reservation ; but the final notification constituting the area a reserve did not issue before the close of the year.

(iii) DEMARCATION.

4. Form No. 48 shows the total length of boundaries at the close of the year as 974 miles ; of this amount 661 miles have to be maintained by artificial marks, and 313 miles are returned as not demarcated but that merely means that no connecting path or ditch has yet been made from pillar to pillar, as explained in last year's report. Practically the whole of this amount occurs in Jaunsar, where attention is being given to the matter.

In the Dehra Dun Division, 122 masonry pillars were constructed in the Malkot forests and 10 in the Ramgarh Range, and 2 miles and 20 chains of boundary ditches dug and aloes planted in the Jumna, Ramgarh and Ganges Ranges, the cost being Rs. 449.

In the Saharanpur Division, new ditches were dug along 1¾ miles of the outer boundary, 3 miles were planted with aloes, and about 41 miles of old ditches were repaired. The cost of the work together with the cleaning of boundary lines amounted to Rs. 881.

In the Jaunsar Division, 17 miles of the main boundary lines were cleared and lines cut. Lines will be cut as soon as certain adjustments are sanctioned in the Deoban, Bawar and Deogarh Ranges. The demarcation of the chír forests, which it is proposed to lease from the Raja of Tehri-Garhwál, was commenced by Mr. K. N. Mukerjee, Extra Assistant Conservator of Forests, during October, November and December 1894, and it was continued in a more permanent and satisfactory manner during May and June by Forester Daya Ram under the supervision of the Forest Ranger at Deota, and at the end of the year the work was nearly completed. The cost of the work was Rs. 146, irrespective of the cost of construction of boundary pillars, the account for which could not be settled before the close of the year. The total area demarcated was 58 square miles.

(iv) Surveys.

5. Form No. 49 shows the progress of Forest Survey work up to date. There is nothing to add to the remarks of last year as to the areas surveyed by the Forest Survey Branch.

In the Dehra Dun Division, except the survey of the area disafforested at Maidan, no work of any importance was undertaken.

In the Saharanpur Division, the whole of the southern outer boundary of the forests was carefully surveyed with chain and compass and the boundary pillars will be renumbered in one series from the Ganges to the Jumna over the whole length. The Kasumri Devi chak has been surveyed in communication with the Revenue authorities and new pillars are under construction.

In the Jaunsar Division, a temporary surveyor was entertained for a period of seven months upon the survey of the main and chak boundaries and preparation of maps. The total area surveyed was 1,158 acres, comprising 10 chaks and an aggregate length of 9¼ miles of main and chak boundaries. The work was well done and the completion of the maps is in progress. The total expenditure was Rs. 459.

(v) Disputed boundaries.

6. The disputed boundary between Dadi and Taroch below the Chachpur peak has practically been settled by the Superintendent of Hill States in favour of Taroch, though the Rana of Dadi intends to appeal against the order. The Machigadh, Shalanti khad and two or three other minor cases in the Bawar Range will, it is presumed, be taken up by the Superintendent of Hill States and the Superintendent of the Dún in November next.

CHAPTER II.

MANAGEMENT OF STATE FORESTS.

I.—Regulation of Management.

(a) *Working Plans and their control.*

(1) Existing Plans and their control.

7. The following notes shew the work done under each of the five working plans in force in the School Circle.

(i) Dehra Dún Working Plan.

The work prescribed for the year is best seen from the following schedule which gives the chief operations :—

Working circles.	Climber cutting compartment.	Free marking compartment.	Fellings.		Second year compartment.	Cutting back compartment.
			Compartment.	Area.		
				Acres.		
Jumna	9	8	7	1,200	6	5
Malhan	12	11	10	800	9	8
Ramgarh	14	13	12	500	11	10
Nagsidh	9	8	7	500	6	5
Thano	11	10	9	200	8	7
Tirsal	9	8	7	500	6	5
Ganges	9	8	7	1,000	6	5
Lachiwala coppice	...	...	8,36	80	...	...
Suswa do.	3, 9 to 12	...	3	52	...	...

The coupes of the year were as usual sold by auction and the works of climber cutting, tree marking and cutting back operations were fully completed. The bamboo forests were worked under the revised scheme sanctioned by Government but the outturn of the year could not all be sold. The 40 sissu trees to be removed under the selection system were not cut, owing to the provisions of the Working Plan not having been elaborated and no definite areas selected They have, however, been marked for sale during 1895-96. Of the area of 5,800 acres above the Hatiwala line prescribed in G. O. No. $\frac{1054F}{682}$, dated 13th December 1892, climbers were cut on 4,750 acres, the balance, principally in the Jumna Range, could not be done through press of other work, 150 acres in the Ganges Range were done in advance in the previous year.

2.—Deoban Working Plan

The provisions of this Working Plan were carried out as far as possible and were better understood than has hitherto been the case, but there is still room for improvement in this respect. The following remarks indicate the work of the different circles.

(i) *Karamba Working Circle.*

The Working Plan provides for the felling of 80 green deodar trees in Karamba block. But under Government order the block has been closed for five years to recover the heavy excess fellings of former years, 146 trees out of 150 sanctioned were felled in Bhujkoti and Gutugadh blocks of the Bhujkoti Working Circle instead but only 94 were sawn up. Improvement fellings were commenced in Konain block, compartment 5, but no fuel was actually exported during the year, the wants of Chakrata having been met from the forests nearer at hand. Thinnings over 110 acres in Karamba 5 were completed out of 150 acres sanctioned.

(ii) *Lokanda Working Circle.*

The provision was for 45,000 c ft., green and 5,000 c.ft., dry firewood to be cut in Khopti and 48,000 c ft. fir were cut in Khopti 2 No deodar was cut as none was wanted by the Commissariat Department. No oaks were sold from Inari The fellings in Khopti have been far too severe for some years past The Officiating Conservator knows this forest well and has frequently visited it. The fellings are not carried out according to the selection method, properly so called, and the danger of overcutting in fir and pine forests at this altitude, nearly 9,000 feet, is exemplified in the numerous wind falls which have taken place in the older coupes, and in the total absence of reproduction. The attention of the Divisional Officer has been aroused to the danger, and a better system may be looked for in future.

(iii) *Deoban Working Circle.*

The provision was for 40,000 c ft. of stacked cubic feet of fir and 30,000 c ft. of oak, and 22,900 c.ft. of fir and 14,900 c ft. of oak only were cut, besides 17,000 c ft. of dry fuel Less fuel than is authorized in the Working Plan was cut here in order to economize oak and fir fuel close to Chakrata as much as possible, and with a view to utilize the Kalsi wood and dry wood from elsewhere instead of the Deoban trees. Here, as in Lokanda, the fellings for some years past have, in the opinion of the Officiating Conservator, been far too heavy. The Working Plan is partly to blame for this as it is laid down that wherever fires and grazing can be excluded trees can be felled freely (see Working Plan for Deoban Range, paragraph 139), but in spite of this no prudent forester would, at an elevation of 8,000 to 9,000 feet, where natural reproduction by seed is slow and uncertain, fell so severely as has been done in the Mohna block.

(iv) *Kharshu Coppice Working Circle.*

As provided in the Working Plan, compartment 6 was coppiced and gave 16,800 c.ft. of oak and 1,500 c.ft. of fir fuel.

(v) *Raura Working Circle.*

There is a balance of 3,827 c.ft. available in this Circle owing to short demand in previous years. The provision is that 2,500 cubic feet stacked of fuel may be cut, but only 4,000 cubic feet was cut, which was not however exported during the year.

(vi) *Ban Coppice Working Circle.*

The remaining portions of sub-compartments No. 1 and 2 were felled, yielding 18,000 c ft of fuel, of which 750 c.ft. were supplied to the Executive Engineer for a lime kiln at Korwa, and the remainder left in the forest.

(vii) *Bhujkoti Working Circle.*

Owing to the closure of the Karamba block by order of Government, 150 deodar trees were to be felled from the Bhujkoti and Gutugadh blocks of this circle for the supply of deodar timber to the Military Works Department at Chakrata. One hundred and forty-six trees were felled and of these latter 94 only were sawn up for the requirements of the Military Works Department. The cutting of fir scantlings in Siari was continued and the refuse wood was converted into firewood and 10,000 c ft. was prepared and carried to Chakrata The selection of these fir trees was not well done.

(viii) *Pandawa Working Circle.*

The balance available on 1st July 1894, was 19,553 c ft., of which 4,500 c.ft. of firewood was cut and carried for Chakrata supply. As in previous years there was no demand for fuel for lime burning in this circle.

(ix) Malkangra Working Circle.

The balance available on 1st July 1894 was 8,574 c.ft., of which 2,000 c ft. were cut, as there was no great demand for fuel for lime burning and the Chakrata depôt supply. This forest which is poorly stocked should be more sparingly worked in future, and not so much cleaned of brushwood for faggots.

(x) Cantonment Working Circle.

The decision of the Cantonment Committee as to the management of the additional blocks by the Forest Department, referred to in the last year's report not having been received, the plan made by Mr. Hearle, when Divisional Officer, is being carried out, and under it 22 oak and 27 Rhododendrons were cut yielding 4,000 c.ft. of fuel. A sum of Rs. 667-5-7 was made over to the Cantonment Committee during the year as surplus revenue.

(xi) Kalsi Coppice Working Circle.

Special sanction was obtained to the working of compartment 5, Haripur block, before proceeding to the blocks prescribed for the year. Twenty-nine acres were felled during the year in this compartment as also one acre in compartment 4, yielding 23,100 c.ft. fuel, 2,256 c ft. charcoal, besides 59 c.ft. of timber. The fuel from Kalsi is much appreciated and it relieves the pressure on the high level forests which is good from a sylvicultural point of view.

The other working circles are of slight importance.

3.—Mundali Working Plan.

The last of the sleepers sawn from dry wood in this forest were floated to Dakhpathar and taken to Delhi. In sub-compartments 20 to 24, 200 acres were thinned and girdled. The revised scheme of planting was carried out as far as practicable and 3,821 plants were planted out in compartment 10, though for want of plants the work in compartment 9 could not all be done A large number of patches below deodar trees were hoed up to help natural reproduction.

4.—Chir Forests Working Plan.

(i) Dharmigadh-Riknargadh Working Circle.

The revised scheme prescribed fellings in compartment 3, Ubra block, 141 acres, and this was carried out, 1,007 trees being sold standing to a purchaser.

(ii) Deogarh Working Circle.

The compartment prescribed for the year was No. 1, of Baupur block, 146 acres, and this was worked, 370 trees having been sold standing.

(iii) Chatra Working Circle.

Compartment 4 in Kunigad, 114 acres, was prescribed for the year and was worked, 600 trees having been sold standing.

Altogether 2,533 trees as against 2,600 prescribed in the three working Circles were either sold standing or felled departmentally.

At Majog block 2½ acres were sown with chír instead of 4 acres as intended, no more chír seed being available.

5.—Tehri-Garhwal Working Plan.

Under the provisions of the working plan Pipal block was prescribed for the year. But the compartments for 1893-94 Dhikuri 2 and 3 have not yet been worked and there was available from Bamsu and Dhikuri 1, 675 trees as well as trees from Partil, Temple, Dopta and Katatach. The trees felled were as follows:—

		Trees.
Bamsu 1	...	100
Do. 2	...	115
Dhikuri 1	...	627
Do. 2	...	758
	Total ...	1,600

These were cut up into metre gauge sleepers for the Rajputana-Malwa Railway and broad gauge sleepers for the North-Western Railway.

In the reserve areas 630 trees were sold to purchasers from the Noranu forest. Two hundred and fifty kail and 50 rai trees were also sold from the Bamsu forest.

In the Kunigadh girdling operations extending over 1,245 acres were completed and also thinnings and cleanings in the Temple, Patangni and other blocks remaining over from previous years. The Bamsu sledge road and wire rope shoot were completed and worked well.

(2) New Working Plans.

8. *Dehra Dún Division*:—The revision of the working plan of the newly reserved forests in Malkot drawn up by Mr. Hearle, Deputy Conservator, could not be undertaken owing to the press of other work. But fuel was granted to lime burners from the compartments set down to be worked during the year. The Paled and Maidan blocks should be included in this Working Plan.

9. *Saháranpur Division* :—The requisite data for the compilation of a working plan have been collected by the Divisional Officers during the year and the plan will be completed during the current year.

10. *Collection of statistics*:—The measurements of sample plots in the Dehra Dún and Saháranpur Divisions were continued during the year, as also that in the Jadi block of the Jaunsar Division. Three additional plots were selected by the Deputy Director Mr. A. Smythies and Mr. A. F. Gradon, Instructor of the Forest School at Garasna and Lohasu in the Kotigadh Range and at Bodyar in the Deoban Range, and another plot was selected at Mundali in the Bawar Range by Mr. Nisbet, when Deputy Director, to measure the increase in material of a crop of deodar. These were clearly marked on the ground and measurements will be taken during the current year. There is nothing special to add to the results obtained last year as to the average annual girth increments.

(*b*) *Annual plans of operations.*

11. Annual plans of operations were drawn up for all divisions in accordance with the Forest Department Code. They were fairly well worked up to, the deviations being of little importance. In the Jaunsar Division owing to the early fall of snow, paucity of planting materials or want of funds certain cultural operations had to be postponed.

II.—Working of the year.

(*a*) *Communications and buildings.*

12. Form No. 51 gives details of the works carried out in each division under this main head of expenditure. Rs. 10,087 were expended on new works, Rs. 5,634 on building and Rs. 4,453 on roads. Repairs to buildings cost Rs. 3,564 and Rs. 7,437 represent the expenditure on the maintenance of roads.

Roads and communications.

The chief works of the year were :—

In the Dehra Dun Division the making of 3 miles of Lakarghat cart road, to facilitate export of produce from the Tirsal forests, of 1 mile of Algoha cart road in the Lachiwala Range and of 2 miles of Barwala cart road besides 2 miles of the boundary roads along the Siwalik forests were undertaken.

In the Saharanpur Division two short lengths of paths were constructed.

In the Jaunsar Division Rs. 606 were spent in connection with the completion of the Bamsu sledge road and wire shoot ; 15 miles of inspection paths and 7 miles of sleeper carrying paths were constructed at a cost of Rs. 1,221.

Bridges.

A suspension bridge was constructed to replace the Naintwar bridge carried away by a flood in the Tons river but the work was not quite completed during the year.

Buildings.

In the Dehra Dun Division the re-roofing of the Maidan bungalow, which was struck by lightning some years ago and burnt, was undertaken and the ranger's quarters at Dharmawala completed. Forest Chaukis were built at Kaluwala, Bibiwala, Ladwakot, and chaukis were started at Chandpur and Khairi. A cook-house was constructed at Kansrau. In the Saharanpur Division the rest house at Ranipur was completed and Forest Guards' chaukis were built at Khara, Bam, Sahansra and Chillawala. A house for the Forester was also built at Mohand. In the Jaunsar Division an inspection hut was built at Pajidhár, and Forest Guard's chauki at Bamsu. A house for the Depôt keeper was also constructed at Chakrata.

List of Buildings.

13. The following statement shows the buildings and forest inspection houses in the circle at the close of the year :—

Division.	Rest houses for controlling staff.	Quarters for subordinates (excluding revenue depôts.)	Offices, stores and revenue depôts.	Wells.	Total.
Direction	...	...	2	...	2
Dehra Dún	8	15	35	2	60
Saháranpur	5	51	1	6	63
Jaunsár	20	78	29	...	127
Total ...	33	144	67	8	252

In Appendix A will be found a complete list of the buildings the cost of which exceeds Rs. 200.

Outlay on roads and buildings.

14. The total figures of the year compare as follows with the outlay on roads and buildings in the previous years.

	New work.		Repairs and improvements		Total.
	Roads.	Buildings.	Roads.	Buildings.	
	Rs.	Rs.	Rs.	Rs.	Rs.
1892-93 ...	... 10,100	5,302	9,963	5,313	30,678
1893-94 ...	... 9,119	5,239	5,796	7,092	27,246
1894-95 ...	... 4,453	5,634	7,437	3,564	21,088

The high cost of repairs of roads may be attributed to the heavy monsoon rains of the year which caused considerable damage.

Other Works.

15. An outlay of Rs. 1,980 was incurred under "Other works" the principal expenditure being in the Saháranpur Division in connection with the construction of a well at Chirak, which was sunk to a depth of 58 feet, without any indication of the proximity of water; it had therefore to be abandoned, the total amount spent since its commencement having been Rs. 813. Rs. 426 were also spent on railings on the Tons road. The usual camping grounds were cleared and maintained. The operation at Lachiwala whereby the ground was all ploughed up, and the coarse grasses got rid of and replaced by "doob" grass has proved a complete success.

(*b*) *Protection of Forests from injury.*

(1) PROSECUTIONS OF THE YEAR.

16. Form No. 52 gives in detail the prosecution for forest offences. The number taken into court was 16 as against 7 in the previous year, and convictions were obtained in 12 cases, one case was pending at the close of the year. The cases, as a rule, were not of much importance with the exception of two cases of incendiarism in the Saháranpur Division, and as such, particularly hard to prove. One of these was dismissed on account of insufficient proof and the other against a Forest Guard fell through on account of the sudden death of the accused on the day previous to that fixed for the hearing of the case. The offences taken to the courts are classified and compared with those of 1893-94 as follows:—

Year.	Injury to forest by fire.	Unauthorized felling or appropriation of produce.	Grazing without permission.	Other offences	Total.
1894-95 ...	2	8	...	6	16
1893-94 ...	1	3	2	1	7

17. The number of cases compounded under section 67 of Act VII of 1878, was 102 involving 250 persons as against 122 cases involving 273 persons in the previous year, and the total compensation received amounted to Rs. 651 or an average of Rs. 6·4 per case and per each person of about Rs. 2·60. Compared with the previous year the results of the different divisions are as follows:—

Division.	1893-94.			1894-95.		
	Number of offences.	Total amount recovered.	Average amount taken from each person.	Number of offences.	Total amount received.	Average amount taken from each person.
		Rs.	Rs.		Rs.	Rs.
Dehra Dún ...	52	281	1·91	43	372	2·91
Saháranpur	42	305	3·59	33	115	1·44
Jaunsár ...	28	148	5·29	26	164	3·90

Compared with the previous year there has been a decrease in the number of cases in all Divisions; in the Dehra Dún Division cases of grazing without permission increased, while there was a decrease under unauthorized felling and appropriation of produce. The Divisional Officer explains that more damage is done by offences relat-

ing to grazing than by cases of unauthorized felling and that there has been more strictness in this direction. In the Sáharanpur and Jaunsár Divisions there has been a large decrease of cases of unauthorized felling and illicit grazing, while there has been an increase in the latter of other offences ; the two undetected cases relate to the theft of revenue from the Kharkhari chauki and of the cash box of the Deoban Range office. In neither of these has the offender been detected notwithstanding the investigation by the Police.

(2) PROTECTION FROM FIRE

18. The following statement shows the fire conservancy operations of the past and the previous year :—

Division		Total area.	Area attempted to be protected.	Percentage of area attempted to total area	Area actually protected.	Failures	Percentage of failures to area actually protected.	Cost during the year.	Cost per acre of area actually protected.
		Acres	Acres.		Acres.	Acres		Rs.	pies.
Dehra Dún	1894-95 ...	1,86,020	1,58,822	85·37	1,58,813	9	0·01	3,803	4 59
	1893-94 ..	1,86,035	1,57,222	84 51	1,48,696	8,526	5·73	3,136	4 05
Sahâranpur	1894-95 ...	1,88,470	1,57,844	83·75	1 55,945	1 899	1 22	2,247	2 69
	1893-94	1,88,470	1,57,844	83 75	1,46,844	1,1000	7 49	2,392	3·13
Jaunsár ...	1894-95 ...	1,50,905	1,13,215	75·02	1,13,195	20	0 02	1,710	2 90
	1893-94 ...	1,50,905	1,13,215	75 02	1,12,822	393	0 34	1,729	2 94
Total ...	1894-95 ...	5,25,395	4,29,881	81 81	4,27,953	1,928	0 45	7,760	3·45
	1893 94 .	5,25,410	4,28,281	81 51	4,08,362	1,9919	4 88	7,257	3 41

The season was on the whole a favorable one for fire conservancy. In the hill forests the snow fell early in November and showers took place all throughout the hot weather and the monsoon set in rather early. In the plains divisions the season was characterized by few showers and excessive dryness between February and May, and were it not for the 5 incendiary fires and the one which burned a large area in the Tira forests of the Sahâranpur Division, the season may be looked upon as one of the best on record. The area over which protection was extended as compared with last year has increased from 4,28,281 to 4,29,881 acres due to inclusion of the Nichla Song block of the Kansrau forest of the Dehra Dún Division, and failures have decreased from 19,919 acres to 1,928 acres. The failures amounted to 0·45 of the area actually protected as against 4·88 per cent. in the previous year. The total expenditure increased from Rs. 7,257 in 1893-94 to Rs. 7,760 in the year under report, due to higher cost under clearing and burning fire lines and entertainment of extra fire patrols during the season of danger in the plains divisions, resulting in less area burned and consequently less spent in extinguishing fires. The cost per acre successfully protected was highest in the Dehra Dún Division, 4·59 pies per acre, and lowest in the Sahâranpur Division 2·69 pies per acre.

19. The following statement shows the cost of fire protection in each Division :—

Division		Area actually protected.	Percentage of total area protected.	Length of fire lines.	Cost of					
					Clearing lines.	Burning lines	Fire patrols.	Extinguishing fires and rewards to establishments.	Total.	Per acre
		Acres		Miles.	Rs.	Rs	Rs.	Rs.	Rs.	pies.
Dehra Dùn	Average of 15 years ..	97,978	.	...	..	...	...	...	3,402	6·84
	1893-94 ...	1,48,696	94·57	350	896	929	1,187	124	3,136	4·05
	1894-95 ...	1,58,813	99·99	352	710	1,099	1,870	124	3,803	4·59
Sahâranpur	Average of 15 years ...	82,976	.	...	..	. .		...	2,168	5 01
	1893 94 ...	1,46,844	93·03	151	296	295	1,045	756	2,392	3·13
	1894 95 ...	1,55,945	98·79	151	337	444	1,228	238	2,247	2·69
Jaunsár ...	Average of 15 years ...	83,206	...	...	...	..	...	...	1,354	3·12
	1893-94 ...	1,12,822	99·65	422	346	1,087	266	30	1,729	2·94
	1894-95 ...	1,13,195	75·92	427	257	1,136	255	62	1,710	2 90
Total ...	Average of 15 years ...	2,64,160	...	...	...	...	...	...	7,014	5 10
	1893-94 ...	4,08,362	95 35	923	1,538	2,311	2,498	910	7,257	3 41
	1894-95 ...	4,27,953	99 55	930	1,304	2,679	3,353	424	7,760	3·45

20. The following table compares the causes of the different fires for the past eight years, classified under main heads as follows :—

Year.	I		II		III.		IV.		V.		VI.		VII.		VIII.	
	By Forest establishment when burning fire lines.		Fires which entered the forests by crossing exterior fire lines.		By workmen not in forest employ, by accident.		By villagers, travellers, or soldiers by accident.		Fires caused by lightning.		Fires maliciously lighted inside the forest.		Causes unknown.		Total.	
	No	Area in acres.	No	Area in acres.	No	Area in acres.	No.	Area in acres	No.	Area in acres.	No.	Area in acres.	No.	Area in acres.	No.	Area, in acres.
1894-95	2	632	1	5	...	.	1	6	...	...	6	1,275	2	10	12	1,928
1893-94	2	18	5	5,527	4	150	7	238	..	..	10	13,578	4	393	32	19,919
1892 93	5	143½	..	..	3	856½	2	4	1	½	...	..	...	...	11	1,004½
1891 92	6	37½	2	125	1	12	9	5,55½	1	½	8	1,053	3	42½	30	2,426
1890 91	1	1	1	10	1	8	3	8	1	8	...	...	3	345	10	375
1889 90	10	1,441	4	6,568	4	281	8	1,842	...	...	3	7,172	7	1,715	36	19,019
1888-89	1	2	4	18,697	1	1	10	1,989½	...		5	10 825	1	125	22	31,639½
1887-88	9	2,506	1	7,756	1	410	10	357	1	263	3	4,163	10	3,303	35	18,758

21. The following table gives the details of the fires which occurred during the year —:

No.	Range	Block.	Date of fire.	Year of protection.	Area burnt	Remarks as to cause of fire.
		DEHRA DÚN DIVISION.			Acres.	
1	Lachiwala ..	Lachiwala ...	11th Feb. 1895 ...	1883 ...	5	Fire crossed from zamindári forests
2	Ditto ...	Ramnagar ...	10th May 1895...	1877 ...	2	Supposed to have been incendiarism, offender could not be discovered.
3	Ganges ..	Nichla Song ...	10th April 1895 ..	1878-81...	2	Cause not known.
				Total ...	9	
		SAHARANPUR DIVISION.				
1	Mohand ...	Lalwala ...	30th Sep. 1894 .	1884 ...	6	Caused by a villager when smoking out bees for honey—fined Rs. 6.
2	Dholkhand	Tira ...	1st March 1895 ..	1884 ...	620	Caused when burning fire lines by accident.
3	Ditto	Malowala ...	31st do. ...	1880 ...	2	Caused by an incendiary (a Forest Guard) who was prosecuted, but suddenly died just before the hearing of the case by the Magistrate of Saháranpur.
4	Ditto ...	Rasulpur ...		1879 ...	968	
5	Ditto ...	Sendhh ...		1883 ...	196	
6	Ditto	Tira ...		1884 ...	1	
7	Barkala ...	Chapri ..	4th May 1895 ...	1885 ...	106	Caused by an incendiary.
				Total ...	1899	
		JAUNSAR DIVISION.				
1	Deoban ...	Moila ...	25th May 1895..	1872 ...	8	Not yet discovered.
2	Bawar ..	Riknargadh ...	24th Feb. 1895	1872 ...	12	Due to accident in burning fire lines.
				Total ...	20	

The chief fire which occurred was the one on the 31st March 1895 in the Dholkhand Range of the Saháranpur Division, burning 1,167 acres in parts of the Malowala, Rasulpur, Sendhh and Tira blocks It was believed to have been lighted by a Forest Guard of many years standing, the motive being partly revenge against the Range and beat officers who had some years previously given evidence against his son in a similar incendiary fire case, resulting in his imprisonment, and partly jealousy of the praise awarded to the Ranger of the Central Range in last year's report. The accused, however, died in a somewhat mysterious manner on the day previous to that fixed for his appearing before the Magistrate of Saharanpur. The other serious fire was the one which occurred in the Tira forest of the same division burning 620 acres in 9 compartments of the coppice area. It arose during the burning of the outer fire line from a sudden gust of wind carrying a blazing wisp of grass some way into the interior of the forest where the grass was exceptionally long The incendiary fire in the Chapri block of the Barkala range burned about 106 acres, and is supposed to have been lighted by a grazier, but the crime could not be brought home to the offender and the case was dismissed by the Magistrate.

22. The rewards of Rs. 128 and Rs. 63 sanctioned by Government for distribution amongst the Forest Guards in the Dholkhand Range of the Saháranpur Division and in the Malhan, Ramgarh and Lachiwala ranges of the Dehra Dún Division were defrayed during the year. No infringement of the rules of Government Order No. 349F of 2nd May 1891 has been reported.

The Divisional Officer, Dehra Dún, states that the executive staff worked hard and well and finds it difficult to single out any subordinate for special praise, but considers that the best results were obtained in the Ganges and Jumna ranges where incendiary fires were expected, and did not occur.

23. Appendix B shews the amount of rain received at Dehra Dún and the forest stations during the period from July 1894 to June 1895 inclusive. The rainfall during March, April, and May was as usual very small in the plains divisions, while the heat and dryness of the air were great. Considering this and that the chief fire was an incendiary one, we may congratulate ourselves on the general success of the season.

The feeble efforts of the Tehri-Garhwal State were again unsuccessful in protecting the chír forests situated on the left bank of the Tons. The Divisional Forest Officer, Jaunsár, entertains strong suspicions that the villagers were encouraged to fire these forests, as they are aware that when the lease of these forests is granted better arrangements will be made and proper measures taken for their protection. The question of protecting from fire the chír forests about to be leased is one of considerable importance and of no little difficulty as ancient customs came into contact with modern sylvicultural ideas. In all areas where fellings are taking, and have taken place, immunity from fire is absolutely essential if reproduction is to be secured; in other areas awaiting their turn, the question will have to be considered on its merits.

(3) Regulation of grazing and protection fromcattle.

24. Form No. 54 gives the information regarding the areas closed and open to grazing in the three classes of forests. The following statement shows the areas closed and open to grazing as compared with the previous year:—

Division.		Total area area.	Area closed to grazing including those closed for part of year to browsers.	Percentage of total area closed.	Area open to grazing.
		Square miles.	Square miles.		Square miles.
Dehra Dún ...		290	256	87·93	34
Saháranpur ...		295	270	91·52	25
Jaunsár ...		236	87	36·86	149
Total	1894-95	821	613	74·54	208
	1893-94	821	604	73·56	217

The increase in the Dehra Dún Division amounted to 7,000 acres being areas of the coupes in which improvement fellings have been completed, while 1,200 acres were opened to grazing in the Daluwala block of the Nichla Song block, the net increase amounted to 5,800 acres. There were no changes in the Saháranpur and Jaunsár Divisions since last year.

25. Form No. 55 shows the actual number of cattle grazing in the State forests and the estimate of grazing dues of the year, including the actual value and estimate at full rates for privileged cattle as well as those grazing free. The Divisional Officer, Dehra Dún, considers the present arrangements as good as any that could be introduced under the working plan, except that in the Motichur valley in the Ganges range, and in the beds of some of the rivers and torrents in the Eastern Dún as also in the Malkot forests, grazing is too heavy and that it will be difficult to regulate the grazing in those areas without an addition to the protective establishment. In the Saháranpur Division some difficulties were experienced by the Forest staff in realizing grazing dues from

certain of the villages who elected to graze their cattle upon the annual assessment scheme; and the Collector has been asked if the villagers could not be induced to adopt the triennial system which would obviate the necessity of the Forest staff collecting the dues from them. The Divisional Officer strongly deprecates the grazing of Gujars, who are responsible for a very large amount of damage by lopping valuable species. The whole question of grazing in the Saháranpur Division, especially with regard to Jummoo Gujars, is now under consideration and the Officiating Conservator is in communication with the Collector of Saháranpur on the subject. The Divisional Forest Officer, Jaunsár, remarks that some of the cattle found grazing surreptitiously on the borders of Tehri-Garhwál were charged double dues, and that special arrangements are being made this year for punishing those offenders. Owing to the increase in the numbers of the Gujars' cattle and to their exclusion from the Bashahr and Tehri-Garhwál States the Gujar grazing grounds are becoming every year more and more restricted. During the upward migration the passes granted were limited to 3,200 cattle as decided in an order of Government of 1885. He is of opinion that doubtless some damage is done to the forests by Gujar grazing, but that as there is an ample supply of grass and little or no lopping takes place as in the plains forests, a large amount of valuable fodder would go to waste, or be burned by the local villagers if not consumed by the cattle of the Gujars, who are useful in the supply of *ghee* of which large quantities are exported from the Jaunsár forest.

26. *Grazing dues*:—The past and present receipts on this account compare as follows:—

					Receipts.		Outstanding at the close of the year.
1892-93	...	...	...	...	31,515	...	229
1893-94	...	...	...	...	22,854	...	3,793
1894-95	...	...	...	...	27,529	...	5,398

The outstanding at the close of the year amounted to Rs. 62 in the Dehra Dún and 5,336 in the Saharánpur Division, due in the latter to this being the first year of the triennial settlement and the consequent delay in the preparation of list of demands for the year.

(*c*) *Improvement of Forest growth.*

(1) Natural reproduction.

27. There is little to add to the remarks made last year. In the Dehra Dún Division sál (*Shorea robusta*) and sain (*Terminalia tomentosa*) scarcely seeded at all except in the Western Dún. This the Divisional Officer attributes to the heavy monsoon rains of 1893 and 1894, leading to the trees growing more rapidly and checking their flowering and forming seeds and this accounts for the better seeding in the Western Dún which is drier. In the Saháranpur Division sál did not seed at all and sain only partially while sandan (*Ougeinia dalbergioides*) produced a remarkably good crop of seed.

From the Jaunsár Division the Divisional Officer writes that there was a fine crop of deodar seed, while oaks seeded fairly, but rai (*Abies smithiana*), morinda (*Abies webbiana*), chír (*Pinus longifolia*) and kail (*Pinus excelsa*) seed was scarce. The reproduction in all the closed deodar, chír and ban (*Quercus incana*) oak areas was making very satisfactory progress, but in the high level kharshu (*Quercus semecarpifolia*), rai and morinda forests the reproduction was not so good, though on the whole fairly satisfactory as regards kharshu. The state of reproduction in certain parts of the chír forests which have been protected from fire for many years is still very backward.

(2) Artifical reproduction.

28. There was no expenditure on the Pathri plantation in the Saháranpur Division which is the only regular plantation in the circle.

29. The expenditure incurred and work done under cultural operations compare as follows with last year :—

	Expenditure.		Additional area.	
	1893-94.	1894-95.	1893-94.	1894-95.
	Rs.	Rs.	Acres.	Acres.
Dehra Dún	5,211	2,372	58½	5
Saháranpur	1,040	621	4	...
Jaunsar	2,714	2,758	81	32

The work done in the **Dehra Dún Division** consisted of an addition of 3 acres in the Lachiwala plantation, which was chiefly planted with exotic bamboos, teak, mahogany and camphor which are doing well. Two acres closely planted with bamboos were added to the Johra plantation, but in the areas previously planted it was found that the bamboos had died choked up with long grass. No addition was made to the Ramgarh plantation, though some vacancies in it were filled up and the plants in it are for the most part doing well. The cost was Rs. 2,372.

31. In the **Saháranpur Division** in compartment 3 and 4 of the Ranipur coppice blanks were filled with bamboos, sissu and teak, 12,488 plants in all at a cost of Rs. 386. Much damage has been done to young plants (chiefly bamboos) by wild pigs which systematically dig them up in spite of thorns placed round for protection. Rs. 105 were also spent upon sowing, weeding and watering the nursery at Ranipur.

In **Dholkhand** Rs. 48 were spent in fencing, weeding and watering the bamboo and mahua plantation and Rs. 14 on the upkeep of the nursery, Rs. 12 were also spent on the upkeep of the nursery at Mohand. In Barkala 2,068 plants of sissu, teak, mahua and bamboos were planted out to fill up blanks at a cost of Rs. 47. Rs. 9 were also spent in weeding, fencing and watering the plants put out in Budhaban in 1893.

32. In **Jaunsar** an extension of 32 acres, was made to existing plantations at a cost of Rs. 2,758 which sum also included the maintenance of old plantations and the improvement of nurseries, Rs. 644 were also spent on hoeing up patches to assist natural reproduction. The following were the chief works undertaken.

Deoban Range.—At Bodyar 3,234 ordinary and basket deodar plants were planted out in sub-compartment (*d*) and 859 plants to fill up failures in it, 4,700 plants were hoed in sub-compartment (*a*) and (*d*), 34,500 deodar and 700 kail were transplanted in nurseries and a large quantity of seed was sown in nursery which germinated freely ; the work done in sub-compartment (*a*) and (*d*) is not very satisfactory and it is reported that nearly all the ordinary and basket plants except those in sheltered places are dead or have made little growth.

At Kanjatra 16 acres of old sowings in compartment 1, which had failed were planted up with 5,100 rai and morinda plants, 2,100 deodar plants were also planted out in an area of 3 acres to fill up former failures in compartment 1, 2, and 3. The students of the Forest School put out 363 basket plants of deodar and silver fir in the same place, 8,000 plants were picked out in the nursery beds. The old sowings in this block are inspected every year by the Forest School and the result of countings shews a success of about 35 per cent. The basket plants put out here are doing well.

In Korwa 3,500 deodar and chír plants were planted out, also 50 plants of Robinia, but these failed ; 3,000 plants in old plantations were hoed, 1,000 plants were transplanted in nursery beds and a quantity of seed was sown.

At Mohna 1,100 kharshu and morinda were planted out to fill up blanks ; 20,000 deodar and 8,300 rai and morinda were transplanted in the Deothat nurseries. The students of the Forest School put out 483 basket plants of deodar, silver and spruce, blue pine and kharshu oak in this block in May at a distance apart of 4' × 4' the object being, besides instruction, to shew what effect on the growth close planting will have.

At Darna in 5 acres of an acquired field 3,000 pits were dug and sown with kail and deodar and 670 deodar plants planted out.

At Matkangra, compartment 3, 912 deodar and chir were planted out in an acquired field and 288 exotics (robinia, khasia pine) but the robinias failed having been planted in the rains. The nursery was extended and 4,500 deodar pricked out ; the cypress (*Cupressus torulosa*) seed sown did not germinate but there was a fine crop of deodar seedlings.

At Lurli and Suitoli the old plants were hoed up and nurseries were maintained. In compartment 7, Kalsi forest, 250 bamboos obtained from Dehra Dún were planted in one acre.

Bawar Range.—In compartment 10 of Mundali, 3,821 deodar plants were planted out in an area of 4 acres and 1,234 plants in compartment 9, and 847 plants in compartment 13, to fill up failures ; 8,600 plants were transplanted in nurseries and a large quantity of seed sown.

In these compartments, also, the students of the Forest School put out 956 deodar plants in baskets, besides pricking out blue pine, sowing seed beds, filling baskets and digging pits.

At Panchkoti 350 plants were planted out to fill up failures and 2,700 were transplanted in the nursery.

Deota Range.—At the Deota forest 11 acres were planted on the patch system with 1,020 plants and 250 plants planted to fill up failures. In the Pipal block 250 deodar plants were put out for the same season.

Kotigadh Range.—In Chakora block 200 plants were planted to fill up blanks. Twenty thousand deodar plants were transplanted in the nurseries.

Deogarh Range.—At Majog forest two acres were held up and planted with chír. No planting could be done in the Chachpur and Murach forests as plants fit for the purpose were not available.

(3) EARLY THINNINGS

33. The operations include (*a*) thinnings, and (*b*) climber cutting.

(*a*)—*Thinning.*

34. In the Dehra Dún Division no works were undertaken and the Divisional Officer thinks it doubtful if they are necessary in any areas that do not come under improvements fellings. In the Sahárunpur Division 111 clumps of bamboos were thinned at a cost of Rs. 15-9-0 and similar thinnings were done under special supervision in the Ranipur and Mohand blocks, resulting in a net profit.

(*b*)—*Climber cuttings.*

35. The following statement compares the work done during the year with that of 1893-94:—

Division.	Area.		Cost.	
	1893-94.	1894-95.	1893-94.	1894-95.
	Acres.	Acres.	Rs.	Rs.
Dehra Dún	9,709	9,950	1,865	1,967
Sahárunpur	610	1,500	100	120
Jaunsar...	109	190	40	60
	Square miles.	Square miles.	Per square mile.	
Whole circle	16·42	18 19	113·58	118·02

In the Dehra Dún Division, the work was done according to the prescriptions of the working plan which were fairly well adhered to with the following results:—

Working circle.	Compartment.	Area.	Cost.
Jumna	... 9	1,200	216
Malhan	... 12	800	134
Ramgarh	... 14	500	271
Nagsidh	... 8 (rest of) 400 9 500		144
Tháno	... 10 (rest of). 100 ... 11 200		28
Tirsal	... 9	500	95
Ganges	... 9	1,000	288
	Total ...	5,200	1,176

The areas remaining over from the previous year in the Nagsidh and Tháno working circles as well as those prescribed for the year were done. Of the areas above the Hatiwala line of which 5,800 acres were prescribed for the year, 4,750 acres were gone over at a cost of Rs. 791, 850 acres being left over in the Jumna range and 50 acres in the Malhan range; 150 acres in the Ganges range having been cut over in the previous year in advance. The work in the Jumna range could not be completed for press of other work while the Ramgarh Range officer is partly to blame for not fully carrying out the work in his range. The charges for the Ramgarh working circle were particularly heavy amounting to 8·67 annas per acre, while those of the Ganges and Tirsal working circles were less, being 4·61 and 3·04 annas per acre respectively, but still too high; they were lowest in the Tháno working circle, amounting to 1·49 anna per acre. The cost obviously varies with the number and size of the climbers, but in an ordinary forest the charge should not be more than two annas an acre.

In the Sahárunpur division 1,500 acres were gone over in the Ganjarban and Rasulpur blocks at a cost of Rs. 120 or 1·28 anna per acre.

In the Jaunsar division, 80 acres were gone over in the coppiced areas of the Haripur block, Kalsi working circle, compartments 5, 6 and 7 and 110 acres in compartments 9 and 10, the cost being 5·06 annas per acre.

(4) OTHER OPERATIONS FOR THE IMPROVEMENT OF THE GROWING STOCK.

36. (*a*) *Cutting back of badly grown and damaged trees.*—In the Dehra Dún Division 4,700 acres were gone over at a cost of Rs. 1,633 as against 4,890 acres at acost of Rs. 2,098 in the previous year.

37. (*b*) *Ringing of inferior species in plains forests.*—In the Dehra Dún Division, 200 acres were done in compartment 10 of the Thano forest at a cost of Rs. 9-0-0, the trees ringed being 513 in number.

38. In the Jaunsar division the work done was as follows:—

(*c*) *Thinning of blue pine over deodar.*—The following areas were done:—

			Acres.
Deoban Range ...	Leguna compartment	7	20
	Konain „	4	15
	„ „	5	20
	„ „	7	30
	„ „	8	25
Bawar Range ...	Kathian	...	55
Deota „ ..	Jauraai	...	331
	Kanga	...	243
	Patangni... ...	...	518
	Khimari	.. .	70
	Katatach	...	50
Kotigadh „ ...	Thunwara ...	...	10
		Total	1,387

39. (*d*) *Ringing of inferior species to encourage deodar.*—The work done was as follows:—

		Acres.
Deoban Range ...	Karamba block	150
Bawar „ ...	Mundali compartments 20, 21, 22, 23 and 24	260
Deota „ ...	Khunigadh block	1,245
	Total	1,655

Very little work had to be done as only necessary trees were ringed where they were really injuring the deodar.

(5) Experiments.

40. Enquiries were made by a German Firm through the Reporter on Economic Products to the Government of India as to the supply of the Kamela powder (*Mallotus philippinensis*) but the final results are not yet known.

Lac seed was obtained from the Rewah State and from Berar, but did not succeed as the insects mostly died in transit or failed to propagate after being planted.

The tapping of chír trees in the Sháhjahánpur block was continued, 50 new trees were operated upon and the old cuts on other trees freshened. The total number of trees tapped was 615 and the yield of resin 4¼ maunds.

The kino (*Butea frondosa*) gum collected in the Pathri forest and referred to in last year's report was sold for Rs. 60 or Rs. 3 per maund.

41. At the Forest Garden, Chakrata, all fruit trees were carefully manured and pruned. There was a fair crop of fruit, especially as regards peaches and apples, which sold for Rs. 404 as compared with Rs. 527 in the year before, the decrease being attributed to the failure of the cherry crop in 1895.

Four thousand two hundred and seventy-nine forest trees of various species were distributed to the Cantonment Magistrate and others. Amongst exotics, seed of *Cryptomeria japonica* was received and sown in the nursery beds and a good crop of seedlings obtained. The *Robinia* plants put out at various places during the rains failed completely, but those planted at the Forest Garden in March have succeeded well. *Cryptomeria*

seems to be best suited to the climate of Chakrata. A number of fruit trees were grafted and at the close of the year 216 fruit and 1,500 forest trees were ready for distribution. No applications for trees were received during the year from the zamindárs.

42. The Bally Paper Mills are making a trial with the fibre of Paper Mulberry (*Broussonetia papyrifera*) and with that object have applied for the supply of as large a quantity of the fibre as can be obtained from the Kaunli forest garden of the Imperial Forest School.

(*d*)—*Exploitation of major forest produce.*

(1) Clear or regeneration fellings.

43. There are no fellings under this head in this circle.

(2) Selection fellings.

There are no such fellings in the Dehra Dún division. In the Saháranpur division seven sál trees were sold on application to contractors and 109 sál and kukat trees were felled for departmental use.

In the Jaunsar division nearly all the fellings are of the nature of selection fellings; on this system is managed the supply of timber to the Military Works Department, of oak and fir fuel to the Commissariat, of sleepers to the Rajputana-Malwa and North-Western Railways; and the departmental sale of kail and chír trees. Six hundred and thirty deodar trees from the Tehri-Garhwál leased forests and 2,533 chír trees under the chír forest working plan were sold standing to contractors in selection fellings.

(3) Improvement fellings.

45. These comprise the chief fellings of the Dehra Dún division. The following statement shews the compartments in which trees have been marked for next year's fellings as well as the work of the year:—

Working circle.	Number of compartments.	Area in acres.		Areas marked for felling, 1895-96.	
		Begun.	Finished.	Compartment.	Area.
Jumna	6—7	1,200	1,200	8	1,200
Malhan	9—10	800	800	11	800
Ramgarh	11—12	500	500	13	500
Nagaidh	6—7	500	500	8	500
Thano	8—9	200	200	10	200
Tirsal	6—7	500	500	8	500
Ganges	6—7	1,000	1,000	8	1,000
Total ...	...	4,700	4,700	...	4,700

The amount realized by the sale of the coupes of the year was Rs. 23,625 as against Rs. 23,405 in the previous year.

46. In the Saháranpur Division, improvement fellings were made in compartment 1, Rasulpur block over an area of 1,100 acres. The coupe was sold by auction for Rs. 1,140 and two years were allowed for the removal of the produce. In compartments 2, 4,115 sál and 3,005 kukat trees have been marked for felling in 1895-96.

(4) Coppice Fellings

47. In the Dehra Dún Division compartments 8 and 36 of the Lachiwala coppice were sold to contractors for Rs. 80 and Rs. 250 respectively. Compartment 3 of the Nichla Suswa coppice was worked departmentally, the outurn being 20,750 cubic feet of firewood.

48. In the Saháranpur Division, as reported last year, there are 4 coppice working circles at Ranipur, Tira, Mohand and Sahensra. The Ranipur coppice compartment 8, area 55 acres, was sold to a contractor for Rs. 150, 834 trees being left as standards; compartment 12 in Tira, and compartment 2, Sahensra, coppice areas were sold to contractors for Rs. 230 and Rs. 400 respectively, 662 and 692 trees being left as standards. Compartment 9 Budhaban (Mohand coppice) area 75 acres, was cut over departmentally as no purchaser could be found, 939 standards being left as standards. The cost was Rs. 226. A contractor paid Rs. 476 for the produce as it lay resulting in a net profit of Rs. 250. The work was in all cases well done.

49. The following work was done in the Jaunsar Division :—

Kalsi Coppice Working Circle.

In compartment 5 Haripur, 29 acres and about one acre of compartment 4 were coppiced, 465 and 58 trees respectively being left as standards. The outturn was 59 c ft. of timber, 23,100 c. ft fuel and 2,256 c. ft. charcoal. The firewood was partly carted to Chakrata and partly sold to the Brewery.

Korwa Coppice Ban oak Working Circle.

Sub-compartment 1 and 2, compartment II were completed, yielding 2,660 c. ft of firewood, of which 750 c. ft were supplied to the Executive Engineer for lime burning and the balance not required by him will be carted to Chakrata.

Kharshu Coppice Working Circle at Gidhikhad.

Sub-compartment 2, area 2 5 acres, was felled yielding 18,390 c. ft. of firewood, chiefly oak, which was carried to Chakrata for the Commissariat supply after the close of the year.

(5) Bamboo Exploitation.

50. Bamboos were cut departmentally in the Parduni working circle, resulting in the extraction of 1,99,420 bamboos, of which 1,60,207 were sold for Rs. 1,857 and 2,880 used for departmental works in the Ganges range, leaving a balance of 36,333 in hand at the close of the year.

(6) Unregulated fellings.

51. In the Malkot forest of the Dehra Dún Division 100 acres were cut over and the firewood was removed by lime burners. In the Saháranpur Division there is nothing important to mention except the removal by villagers bordering on the Ganges of korwas (small poles) of miscellaneous species. In the Jaunsar Division as stated in the previous year such fellings are practically reduced to the removal by free grantees of inferior species required by them, the regulation of which the Conservator hopes shortly to arrange for.

(*e*) *Extraction and transport of major forest produce by land and water.*

52. *By land.*—There is nothing particular to add to the remarks made last year. In the Saháranpur Division the Khara-Hardwar road has been much improved, but it is still bad in some places, notably west of Mohand.

In the Jaunsar Division the Bamsu Sledge road continued to work well. The cost was Rs. 14,604 as against Rs. 18,837 originally estimated. The number of sleepers and other pieces of timber sledged was 1,33,108 and twice that number could easily have been transported if it had been found necessary. The carrying capacity of the wire rope shoot is however limited, not exceeding 250 metre gauge sleepers per day, the total number of sleepers transported during the year was 13,175. The financial result of the first year's working of the sledge road, after paying off the original cost of the work, amounted to Rs. 12,792.

53. *By water.*—The question of the imposition of salving dues and better control of timber in the Ganges was fully considered during the year and draft rules were drawn up which are now under consideration. The Mandi Forest Company applied to be allowed to raft both marked and unmarked wood and to collect them at depôts lower down the river and offer for examination instead of obtaining rafting passes at Hardwar. As this involved a departure from the rules sanctioned by Government their request could not be complied with.

There was a large increase in the amount of drift wood brought down by the Ganges owing to the Gohna flood, and the heavy rains in the Siwaliks increased the drift in the torrents, the total revenue from this source in the Saháranpur Division being Rs. 5,030 compared with Rs. 1,133 the previous year.

A short length of 750 feet of experimental wet slide was constructed from the head of the sledge road at Bamsu at a cost of Rs. 140 and as it was found to work well it has been decided to extend it up the valley, and this work, if completed at once, will, it is estimated, result in a saving of Rs. 3,700 in the cost of carriage of the sleepers from the Dhikuri and Pipal blocks.

In the Jaunsar Division 13,189 broad gauge sleepers, 1,04,025 metre gauge sleepers, 2,613 Deodar &c karis, were launched from Thadiar and Mora depôts and floated to Dakhpathar, whence the sleepers were rafted to Jagadhri and Dehli and arrived in good time to meet the Railway indents in full. The loss in transit to Dakhpathar amounted to about 3,000 metre gauge sleepers and the matter is being further enquired into. The loss in the great flood of February 1894 amounted to 5,239 sleepers.

54. *Jumna river works.*—The boom was erected at Dakhpathar as usual in November and worked well till the 25th of May when, on account of the rise of the river due to the melting of snow, it had to be dismantled. The number of pieces caught at the boom was 5,18,000 as compared with 1,46,356 in the previous year. The tramway worked well, and its great advantage is the stimulus it imports to the merchants' agents to remove the timber promptly from the "line dori" and thus save tramway charges.

A second spur was constructed at a cost of Rs. 115 which was found effective in protecting the depôt land at Dakhpathar and reduced the erosion thereof.

55. The following statement shows the timber trade of the Jumna and Tons during 1894-95:—

Description			Government Departmental timber No of pieces	Government timber by purchasers No. of pieces.	Timber from private forests. No of pieces	Total No of pieces
Deodar sleepers	...	..	1,25,916	68,050	2,08,599	4,03,465
Chir scantlings	...	...	131	1,89,031	2,10,718	3,49,880
Sal &c, scantlings	...	...	...	3,385	1,61,628	1,65,013
Total 1894-95	...	...	1,26,047	2,11,366	5,80,945	9,18,358
Total 1893-94	...	...	1,21,080	2,70,445	4,23,676	8,15,201

The above again shows the considerable increase in the timber trade especially of timber from private forests.

56. The Jumna river dues amounted to Rs. 11,179 as compared with Rs. 7,734 realized during the corresponding period of the previous year. The increase is due to the improvement in the timber trade and to the working of the boom to a later date.

The river rules worked well and the arrangement whereby the merchants' timber was gradually brought down from Kilor on the Tons and the Jumna bridge to Dakhpathar by Government agency proved satisfactory. This has practically done away with the punishment of timber merchants' agents for damage caused to the boom.

(f) Exploitation of minor forest produce.

57. (1) *Extraction of fodder.*—In the Dehra Dún Division Rs. 729 worth of fodder was removed. In the Saháranpur Division Rs. 26 only were realized for fodder removed by the owners of dák ponies and cattle from the Mohand block. In the Jaunsar Division Rs. 35 were realized by the sale of dry grass stored in the depôts.

58. (2) *Grazing.*—Form No. 55 gives the grazing statistics for the year.

In the Dehra Dún Division the actual head of cattle grazing in the open areas is as follows:—

Description.	Acres per head of cattle.		Head of cattle	
	1893-94	1894-95.	1893-94.	1894-95.
Village cattle	3·49	4·12	34,964	20,905
Other cattle	...	...	11,280	6,037

The Divisional Officer, Saháranpur, reports that the question of grazing is one which will require careful attention in the future and if any improvement has to be effected in the forests or even in order to preserve them in their present ill-treated conditions it will be necessary to reduce the number of cattle which are now allowed to enter the Siwalik forests. The Gujars should no doubt be ejected as being especially harmful and as having no right to graze. The question will shortly be taken up by the Conservator in conjunction with the Collector of Saháranpur and it is hoped some satisfactory arrangement will be arrived at, by which the permanent welfare of the forests will be assured. In the Jaunsar Division there is nothing in particular to add to last year's report.

59. (3) *Miscellaneous produce.*—In the Dehra Dún Division this is for the most part exported by leasing the right to collect it from the various blocks to contractors. This saves much trouble: but the Divisional Officer is of opinion that unless rules against sub-letting the contracts are enforced stringently it has been found that middlemen spring up between the actual worker of the contract and the Government, and absorb profits which would otherwise swell the revenue.

In the Saháranpur Division leases for the extraction of gums were sold for Rs. 900, the chief kinds tapped being semla (*Bauhinia retusa*), jhingan (*Odina wodier*), gejra (*Cochlospermum*), salhar (*Boswellia thurifera*), and pinl (*Buchanania latifolia*).

The 20 maunds of dhak (*Butea frondosa*) gum collected in Pathri forest last year was sold for Rs. 60.

60. *Resin.*—In the Jaunsar Division, the tapping of pines for resin continued, 3,161 new trees were tapped and 3,157 of the old trees were also operated on. Seven hundred and twelve maunds of resin were collected at a cost of Rs. 1,285. The cost of collection was about Rs. 1-12-10 per maund against Rs. 1-13-3 in the previous year, but it is still higher than that of 1892-93. The following shows the cost of resin operations during the year:—

	Rs.
Collection of 712 maunds of crude resin	1,285
Price of boxes, tins, earthen pots etc.	710
Carriage of 670 maunds of crude resin from Kathian to Dehra ...	921
Total	2,916

The Divisional Officer shortly hopes to introduce the system followed in France of working by contract and thus to effect saving in the collection and other charges.

The resin works in Jaunsar require more careful supervision under an intelligent Ranger, as at present there is great waste and the stuff collected is not clean.

61. *Turpentine and colophony.*—467 maunds of crude resin were distilled in Dehra giving 311 maunds of rosin and 621 gallons of turpentine. The cost in Dehra amounted to Rs. 699.

Thirty maunds of crude resin were sold during the year, but during the last four months a considerable demand for the article has arisen and 155 maunds have been sold at the Chakrata forest chauki at rates varying from Rs. 4-4-0 to Rs. 4-8-0 and more applications have since been received, one offer being made at Rs. 5-4-0 per maund delivered at Chakrata. This represents a better profit than that obtained from the distillation at Dehra Dún though the market for the entire yield is not yet assured. Sanction has been obtained for the erection of a small shed at Dehra Dun for this work and for the extraction of kutch and arrangements are being made by the Public Works Department for the erection of the same.

62. *Chír tar and pitch.*—The demand for these articles has not improved, three maunds of tar only having been sold, while 10 maunds of pitch were used departmentally.

63. Arrangements were made to get down to Dakhpathar a small consignment of fir wood for the the Dún tea planters, but it arrived late and consequently there is nothing definite to relate about the experiment before the close of the year.

CHAPTER III.

GROSS YIELD AND OUTTURN OF FOREST PRODUCE.

YIELD AND OUTTURN OF FOREST PRODUCE.

64. Forms Nos. 57 and 58 show the gross yield and outturn of the produce of the forests by the several agencies by which the forests are exploited; whilst Form No. 59 is confined to operations conducted by the Department directly. All the figures in this chapter are extracted from these statements.

Departmental operations.

65. The following statement is an abstract of Forms Nos. 57 and 58, so far as departmental operations are concerned, compared with the figures of the previous year :—

Produce.		Year. 1893-94. Cubic feet (solid).	1884-95. Cubic feet (solid).	Increase Cubic feet (solid).	Decrease Cubic feet (solid).
Timber					
(1) Selection fellings ..	...	3,07,103	2,40,992	...	66,111
(2) Coppice do. ...	...	887	137	...	750
(3) Improvement do. ...	...	12,521	12,778	257	...
(4) Unregulated do. ...	...	1,673	464	...	1,209
(5) Clearances do. ...	...	514	...	...	514
(6) Drift wood do. ...	...	8,421	21,726	13,305	...
(7) Dry and fallen wood	...	27	...	...	27
Total Timber	...	3,31,146	2,76,097	13,562	68,611
Firewood	...	2,63,293	2,37,022	...	26,271
Bamboos	...	1,78,316	2,35,480	57,164	...
Grazing and fodder grass	Rs	29	35	6	...
Minor produce ...	"	5,696	5,226	...	470

The above statement shows a decrease in the outturn of timber especially under selection fellings which mainly comprise the sleeper and other departmental works in the Jaunsar Division. The large decrease in firewood is accounted for by the falling off in the supply to the Commissariat Department. The increase under bamboos occurs in the Dehra Dún Division and is due to more bamboos having been exported; the falling off under grazing dues and minor produce is unimportant.

66. Work by departmental agency was conducted to some extent in all divisions, but it is only regular and important in the Jaunsar Division. The work in that division consists in the supply of sleepers to the Bombay, Baroda and Central India Railway as also to the North-Western Railway, of timber for the Miltitary Works

Department at Chakrata, and in the supply of firewood to the Commissariat Department, also the preparation and sale of chir and kail kans. The outturn of the year was as follows :—

	No.
Broad gauge and metre gauge sleepers	1,41,727
Kail and chir kans	22 411
Timber for Chakrata supply cubic feet	6 627
Firewood	1,75,892

In the Dehra Dún Division the departmental work consisted in the working of the Nichla Suswa coppice which yielded 20,750 c. ft. of firewood, also the collection of drift wood on the Ganges.

In the Saháranpur Division, the work consisted in the supply of timber for departmental works and the coppice fellings in Rasulpur and Budhaban, besides the collection of the Ganges drift wood. Some bamboos were also exported from Rampur.

67. An account of timber and produce cut and collected by Government agency and brought to sale depóts during the year will be found in Form No. 59. The following is an abstract of the details shown in the form :—

Receipts.	Number or quantity.	Cubic feet.	Disposals.	Number or quantity	Cubic feet
Balance in hand at the commencement of the year.			*Removed by purchasers from Depóts.*		
Timber	173,691	2,90 746	Timber ...	1,62,887	2,85,309
Firewood and charcoal ..	..	1,06,245	Firewood and charcoal ...	..	2,03,607
Bamboos ... No	80,006	..	Bamboos No	2,73,227	...
Crude resin ... Mds.	579	...	Kino and Jingan gum Mds	20¼	...
Colophony ... do	7	...	Crude resin ... do.	20	...
Turpentine ... Gals	80	...	Colophony ... do.	306	...
Deodar oil ... do.	27	...	Turpentine ... Gls.	719	...
Chir and Kail tar Mds	39	..	Chir and Kail tar Mds.	3	...
Lime	...	100	Grass pulas and loads No	7,327	...
Dhak gum .. Mds.	19¼	...	Lime	...	1
Received from the forest in Depots			*Sold locally.*		
			Timber	18,001	22,469
Timber	1,51,965	2,32,520	Firewood and charcoal ..	...	93,211
Firewood and charcoal ..		1,89,776	*Converted in Depóts and transferred to other Divisions.*		
Bamboos ... No.	2 34,440	..			
Jingan gum ... Mds.	1	...			
Crude resin ... do	660¼	...			
Colophony ... do	310	...	Timber	96	151
Turpentine ... Gals	658	...	Firewood ...	..	446
Deodar oil ... do	9	..	Crude resin . Mds	490¼	...
Chir and Kail tar Mds	18	..	Chir tar and pitch do	3	...
Lime	...	309			
Grass ... No.	7,327	...	*Lost or written off.*		
Departmental Collection of drift timber from the Ganges and Jumna			Timber	10,702	17,774
			Firewood	...	808
Timber ..	4,209	21,726	*Drift timber &c., sold*		
Firewood and charcoal ...	...	1,04,437			
Received from the forests and sold locally.			Timber	1,655	11,219
			Firewood	...	17,667
			Used by Department		
Timber	17,809	21,691	Timber	9,243	4,125
Firewood and charcoal ..	...	26,427	Firewood and charcoal		3,447
Received from the forest for Departmental use			Bamboos	3,926	...
			Turpentine ... Gals.	6	...
			Deodar oil . do.	3	...
			Chir and Kail tar Mds.	7	...
Timber	109	160	Lime	...	150
Bamboos No	1,040	..			
			Balance at close of the year.		
			Timber	1,45,159	2,25,796
			Firewood and charcoal ...	...	1,07,609
			Bamboos . No	38,333	...
			Crude resin ... Mds.	729	..
			Colophony ... do	11	...
			Turpentine . Gls.	13	...
			Deodar oil ... do.	33	...
			Chir and Kail tar Mds.	44	..
			Lime	...	258

Receipts.	Number or quantity.	Cubic feet	Disposal.	Number or quantity	Cubic feet.
Totals.			*Totals.*		
Timber	3,47,783	5,66 843	Timber ..	3,47,783	5,66,843
Firewood and charcoal ...	.	4,-6,885	Firewood and charcoal		4,26,885
Bamboos . No.	3,15,486	...	Bamboos ... No.	3,15 486	..
Crude resin ... Mds	1,239½	...	Crude resin ... Mds.	1,239½	...
Colophony ... . do	317	...	Colophony ... do	317	...
Turpentine ... Gals.	738	...	Turpentine .. Gals.	738	...
Deodar oil ... do	36	...	Deodar oil ... do	36	...
Chir and Kail tar and pitch Mds	57	...	Chir and Kail tar and pitch Mds	57	...
Lime	...	409	Lime	...	409
Grass pulas and loads No.	7,327	...	Grass pulas and loads No	7,327	..
Kino and Jingan gum Mds.	20½		Kino and Jingan gum Mds	20½	...

68. The following statement is a general summary of the produce removed by purchasers and consumers as compared with that of the previous year :—

Produce.	Year. 1893-94 Cubic feet (solid)	1894-95 Cubic feet (solid)	Increase Cubic feet (solid).	Decrease. Cubic feet (solid).
Timber.				
(1) Selection fellings ...	2,28,019	2,73,990	45,971	...
(2) Clear do.	64,946	73,463	8,517	...
(3) Improvement do	98,815	98,754	...	61
(4) Coppice do.	...	50	50	..
(5) Unregulated do.	991	1,956	965	...
(6) Thinnings do	848	393	...	455
(7) Drift wood do	92,108	10,373	...	81,735
(8) Dead and fallen wood ...	3,918	8,381	4,463	..
Total .	4,89,645	4 67,360	59,966	82,251
Firewood	2,73,986	3,44,067	70,081	
Bamboos	13,22 984	10 89,690	...	2,33,294
Grazing and fodder grass Rs.	26,519	27,577	1,328	..
Minor produce ... „	20,068	18,228	...	1,840

The falling off in timber is mainly accounted for by less yield in the Dehra Dún Division of the coupes of the year and also of drift timber which alone shows a falling off 87,755 c. ft. In the Saháranpur Division, the heavy monsoon rains brought down a large quantity of drift wood which was given out on leases to purchasers. In the Jaunsar Division the increase in the outturn is accounted for by a larger number of deodar and chir trees sold to purchasers showing an improvement of 56,239 c. ft. The Divisional Officer remarks that the timber trade both in deodar and chir is in a thriving condition, the deodar trees at Noranu, which is an inaccessible forest fetched Rs. 28-2 per tree, the highest ever obtained for trees in the more accessible forests having been Rs. 20-4 only. There was an increase in the export of firewood chiefly in the Dehra Dún Division, chiefly under drift wood, while the Saháranpur and Jaunsar Divisions showed a falling off chiefly under drift firewood There was a falling off in the export of bamboos in the Dehra Dun Division, which was partly compensated for by an increase in export from the Saháranpur Division. The increase under grazing dues is mainly owing to the collection in the Saháranpur Division, which include the dues under the annual and triennial systems Minor produce shews a falling off in the Saháranpur and Jaunsar Divisions, while it shews an increase in the Dehra Dún Division.

69. The following statement shews the free grants of produce made during the year as compared with those of the previous year :—

Produce.	Year. 1893-94 Cubic feet (solid)	1894—95 Cubic feet (solid)	Increase. Cubic feet (solid).	Decrease Cubic feet (solid.)
(*Timber.*)				
Dead and fallen wood	40		...	40
Total	40	...	.	40
Firewood	4,000	1,300		2,700

The special free grant of the year consisted of the grant of 1,300 c. ft. of firewood to the MacLaren Leper Asylum in Dehra.

70. The following table shows the produce removed by right-holders and under privileges during the year as compared with that of the previous year.—

Produce.		Year. 1893—94. Cubic feet (solid).	1894—95. Cubic feet (solid).	Increase. Cubic feet (solid.)	Decrease. Cubic feet. (solid)
(*Timber*)					
(1) Selection fellings	...	86,181	58,050	...	28,131
(2) Clean fellings ..	...	4,468	3,020	...	1,448
(3) Unregulated fellings	...	2,110	...	...	2,11
Total	...	92,759	61,070	...	31,689
Firewood ...	...	14,03,671	12,81,307	...	1,22,364
Bamboos ...	...	290	1,700	1,410	...
Grazing and fodder grass	Rs.	6,814	6,402	...	412
Minor produce ...	„	2,000	2,500	...	500

The falling off in timber and firewood is due to the villagers of Jaunsar Bawar not having removed the produce granted to them, owing to bad crops, heavy rain and early snowfall. Many "khats" in spite of every encouragement offered and arguments as to the advantage of using the saw continue to use the axe and much valuable wood is wasted.

71. The following is a summary of the produce removed from the forests by Divisions during the forest year 1894-95 as abstracted from Forms Nos. 57 and 58 and contrasted with the previous forest year :—

Division.	Timber.		Fuel.		Bamboos.		Grazing dues and fodder grass.		Minor produce.	
	1893-94.	1894-95.	1893-94.	1894-95.	1893-94.	1894-95.	1893-94	1894 95.	1893 94.	1894-95.
	C ft. (solid)	C. ft. (solid.)	C. ft (solid.)	C. ft. (solid.)	No.	No.	Rs.	Rs.	Rs.	Rs.
Dehra Dún ..	205,927	127,509	539,449	469,512	1,048,075	650,117	5,113	8,387	6,473	7,774
Saháranpur ..	18,125	26,691	230,017	241,577	431,325	662,153	16,437	17,593	13,025	10,382
Jaunsar ...	689,548	650,327	1,175,484	1,152,607	22,190	14,600	11,797	8,334	8,266	7,798
Total ..	913,590	804,527	1,944,950	1,863,696	1,501,590	1,326,870	33,347	34,314	27,764	25,954

CHAPTER IV.

FINANCIAL RESULTS.

72. Forms Nos. 61, 62, 63, 64 and 65, appended to the report, contain the financial figures of the year.

The revenue and expenditure of the year were as follows :—

				Rs.
(I) For the financial year 1st April 1894 to 31st March 1895.				
Revenue				4,25,712
Expenditure	A.—Conservancy and Works	2,00,200		
	B.—Establishments	95,278		2,95,478
	Surplus			1,30,234
(II) For the forest year 1st July 1894 to 30th June 1895.				
Revenue				4,34,451
Expenditure	A.—Conservancy and works	1,97,352		
	B.—Establishments	97,518		2,94,870
	Surplus			1,39,581

The difference is due to the realization chiefly of amounts outstanding from the Military works and Commissariat Departments between April and July 1st, 1895, though properly creditable to the financial year 1894-95.

73. The following statement shows the receipts, expenditure and surplus during each of the six financial years as also those of the forest years 1892-93, 1893-94 and 1894-95 :—

	1889-90.	1890-91.	1891-92.	1892-93	1893-94	1894-95	1892-93 forest year.	1893-94 forest year	1894 95 forest year.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs
Revenue ...	4,32 660	3,48,528	4,30,272	2,99,845	4,59,951	4,25,712	3,99,055	3 78,431	4,34,451
Expenditure ..	2.71,104	2,66,613	2,77,717	2,87,851	2,97,910	2,95,478	2 86,027	3,02,629	2,94,870
Surplus ...	1,61,556	81,915	1,01,555	11,994	1,62,041	1,30,234	1,13,028	75,802	1,39,581

The financial results for the forest year show an improvement over those of the previous year, while those of the financial year are not so good as those of the previous year for the reason explained in the last paragraph. Both the gross and net revenue for the forest year is the highest yet obtained in any of the previous forest years.

74. The following table compares the chief financial details of both the financial and the forest years as compared with those of the financial and forest years of 1893-94 :—

Receipts and expenditure under the headings "Departmental timber operations", "Other revenue" and "Organization etc." of forests.

Year.		Departmental timber operations.			Other revenue.			Organization, improvement and extension of forests.	Net Surplus.
		Receipts	Charges.	Surplus	Receipts.	Charges.	Surplus.		
		Rs.	Rs	Rs.	Rs	Rs.	Rs.	Rs.	Rs.
Forest year,	1894 95 ...	2 84,783	1,71,223	1,13,560	1,49,668	38,288	1,11,380	85,359	1,39,581
	1893 94 ..	2 39,311	1,67,395	71,919	1,39,117	42,699	96,118	92,535	75,802
Financial year,	1894 95 ...	2,81,848	1,72,861	1,08,987	1,43,864	39,615	1,04,249	83,002	1,30,234
	1893 94 ...	3,13,186	1,72,172	1,41,014	1,46,765	36,221	1,10,544	89,517	1,62,041

75. The following table shows the totals of receipts and expenditure under each budget head for the forest and financial years 1894-95, as compared with those of the previous forest and financial years respectively :—

Receipts.

Years.		Budget heads.						Remarks.
		I.	II.	III.	IV.	V.	Total.	
		Rs	Rs.	Rs.	Rs.	Rs	Rs	
Forest year	1894-95	2 77,255	1,24,030	14,447	11,285	7,428	4,34,151	
	1893-94	2,36,071	1,26 509	3,861	7,734	4,256	3,78 431	
Financial year	1894 95	2,74,968	1,21,259	13,592	10,056	5 842	4,25,712	
	1893-94	3,10,109	1,35,754	4,119	5,954	4,015	4,59,951	
Forest year	Increase	41,184	...	10,580	3,551	3,172	56,020	
	Decrease	...	2,473	...	...	...	...	
Financial year	Increase	..		9,473	4,102	1,827	...	
	Decrease	35,140	14,495	...	...	...	34,239	

Expenditure.

Years		A —Conservancy and Works									Total	B —Establishments.			Total.	Grand Total.
		Budget heads.										Budget heads.				
		I.	II.	III.	IV.	V	VI.	VII.	VIII.	IX		I.	II.	III.		
		Rs.	Rs.	Rs.	Rs.	Rs	Rs	Rs	Rs.	Rs	Rs	Rs	Rs	Rs	Rs	Rs.
Forest year	1894-95 ...	1,25,875	1,950	4,332	2,500	11,501	2,655	23,024	22,733	2,782	1,97,352	84,526	7,712	5,280	97,518	2,94,870
	1893-94 ...	1,18,234	3,154	2,015	1,987	11,150	5,556	29,719	26,337	1,831	1,99,983	89,475	8,621	4,550	1,02,646	3,02,629
Financial year	1894-95 ...	1,28,832	3,326	4,235	2,116	11,501	4,746	20,122	23,303	2,019	2,00,200	81,796	8,102	5,320	95,278	2,95,478
	1893-94 ..	1,14,749	1,855	2,239	2,081	11,501	3,865	32,120	25,119	2,574	1,96,103	89,567	7,744	4 406	1,01,807	2,97,910
Forest year	Increase ...	7,641	...	2,317	513	1	..	...	...	951	...	.	...	730	...	...
	Decrease ...	...	1,204	...	...	...	2,901	6,695	3,604	...	2,631	4,949	909	...	5,128	7,759
Financial year	Increase ...	14,083	1,471	1,996	35	...	881	...	...	...	4,097	...	418	824	...	...
	Decrease ...	...	...	...	...	...	...	11,998	1,816	555	...	7,771	...	...	6,529	2,432

As compared with the forest year 1893-94, the receipts of the current forest year show an increase amounting to Rs. 56,020. This is chiefly due to the increased sale of sleepers to the North-Western Railway and of chír karis and kail sleepers and to better prices realized for standing chír trees in the Jaunsar Division, as also to the realization of outstanding bills from the Military Works and Commissariat Departments and from purchasers of standing timber, to increased grazing dues realized in the Dehra Dún and Saháranpur Divisions, to increased sales of drift wood, owing to a large quantity of drift wood brought by the Gohna flood and floods in the raus in the Saháranpur Division and to increased collections of Jumna river dues. This is partly reduced by falling off of revenue under sales of leases in the Dehra Dún and Saháranpur Divisions.

The expenditure of the year was, however, less than that of the previous forest year by Rs. 7,759 of which Rs. 5,128 occur under "B. Establishment" charges alone. The decrease under A occurs mostly under communications and buildings; and works of improvement especially under planting works, under purchase of cattle, due to purchase in the previous year of an elephant for the Dehra Dún Division, while departmental timber and drift wood operations shew increased charges. The falling off under "B" occurs chiefly under salaries of superior officers.

76. The difference in the value of timber and other produce and of live and dead stock in hand at the beginning and at the close of the year under report was :—

	Timber &c.	Live and dead stock.
	Rs	Rs
Value on 1st July 1894	2,59,045	... 1,05,274
Value on 30th June 1895	2,27,738	... 1,08,151
Differences	−31,307	... +2,877
Net balance against the year		... 28,430

77. The outstandings on account of revenue have decreased from Rs. 46,580 at commencement to Rs. 39,789 at the close of the year, while those due from contractors and disbursers stood as follows :—

	Rs.	a.	p
On 1st July 1894	30,285	3	11
On 30th June 1895	36,132	2	11

78. The following is the result of the year's transactions :—

			Rs.
Cash Surplus			1,39,581
Add increase in outstandings (Form No. 64)			5,847
Total ...			1,45,428
Deduct—			
Decrease in value of timber and stock (Form No. 60) ...	28,430		
Decrease in outstandings of revenue (Form No. 63) ...	6,791		35,221
Net profit of the year ...			1,10,207

as against Rs. 1,23,548 in the previous year.

CHAPTER V.

FOREST ADMINISTRATION.

79. The charge of the circle was held by Mr. J. S. Gamble, throughout the year.

80. The Divisional charges were held as follows :—

Dehra Dún ...	Mr Sadanand Gairola, Extra Assistant Conservator of Forests.	1st and 2nd July 1894.
	Mr. H. G Billson, F. C. H., Assistant Conservator of Forests.	3rd July to 25th September 1894.
	Mr A P. Grenfell, Assistant Conservator of Forests.	26th September to close of the year.
Saháranpur ...	Mr. Sadanand Gairola, Extra Assistant Conservator of Forests.	1st July 1894 to 4th January 1895.
	Mr. B B. Osmaston, Assistant Conservator of Forests.	5th January 1895 to the close of the year.
Jaunsar ...	Mr. B. B. Osmaston, Assistant Conservator of Forests	1st July 1894 to 2nd January 1895.
	Mr. E. McA Moir, Deputy Conservator of Forests,	3rd January 1895 to the close of the year.

Pandit Sadanand Gairola, Extra Assistant Conservator of Forests, was employed in the Direction Office from the 5th January 1895 to the 16th April 1895, in compiling the revised description of boundaries of the Reserved forests and Chaks in the Deoban Range, and was then employed in the Jaunsar Division in the demarcation of main and Chak boundaries in the Bawar and Deogarh ranges.

Mr. Karuna Nidhan Mukerjee, Extra Assistant Conservator of Forests, joined the Jaunsar Division on transfer from the Oudh Circle, in September 1894, and was employed up to the end of December 1894 in the preliminary demarcation of the chír forests of Tehri-Garhwal, when in consequence of the fall of snow the work had to be suspended. He was then attached to the Dehra Dún Division and held charge of the Malhan and then the Ganges Range till the close of the year.

The Conservator desires to tender his acknowledgments to the Collector of Saháranpur and the Superintendent of the Dún for their kind help and assistance during the year.

81. The grants for the executive, protective and office establishments were distributed and utilized as follows:—

Division.	Executive and protective establishments.					Office establishments.				
	Permanent sanction per annum.	Temporary sanction per annum.	Total sanction as it stood on 30th June 1895.	Actual charges.		Permanent sanction per annum.	Temporary sanction per annum.	Total sanction as it stood on 30th June 1895.	Actual charges.	
				1893-94.	1894-95.				1893-94.	1894-95.
	Rs.	Rs.	Rs	Rs	Rs	Rs.	Rs	Rs.	Rs.	Rs.
Direction ...	...	...	...	...	...	2,964	1,342	4,206	4,293	4,203
Dehra Dún ...	8,384	1,036	9,420	8,716	9,324	2,304	320	2,624	2,555	2,586
Sahárapur ...	6,980	386	7,886	6,933	7,184	1,596	168	1,764	1,761	1,714
Jaunsar ...	8,032	1,521	9,553	9,526	9,266	2,202	1,422	3,624	3,452	3,478
Unallotted ...	328	...	...	..	.	90	...	90	...	...
Total ...	23,724	2,943	26,859	25,175	25,774	9,156	3,152	12,308	12,060	11,981

The executive charges remained unaltered throughout a great part of the year, except that in the Saháranpur Division an additional range was formed with effect from 1st of April 1895, which included portions of the old Western and Central Range, and the ranges have been now named after their headquarters. There were some changes particularly in the Dehra Dún and Saháranpur Divisions, consequent on transfers of subordinates, more particularly of the Forest Rangers in charge of the Ganges range of the Dehra Dún and Eastern Range of the Saháranpur Division; their work was not found suitable and they had to be put in charge of less important ranges.

The orders on the improvement of the staff as reported last year are still being anxiously looked for and it is hoped that they may soon be passed. Daya Ram and Bhikan Lal, who had been under training at the Forest School, obtained the Lower class certificate and were appointed Foresters; the former was attached to the Jaunsar and the latter to the Dehra Dún Division.

On 30th June 1895, this circle had at the Forest School only two students, *viz*; Kanhya Lal and Pitamber Dutt, stipendiaries in the Lower class.

82. The 16 ranges were held at the close of the year as follows:—

	Rs	Number of ranges.
Extra Assistant Conservator of Forests ...	350	1
Forest Ranger, 2nd grade	120	1
Ditto 3rd do.	100	1
Ditto 5th do.	60	4
Ditto 6th do.	50	3*
Forester 1st do.	40	1
Ditto 2nd do.	35	2
Ditto 3rd do.	30	2

Forest Ranger Madho Ram held charge of the Deogarh Range in addition to his own charge of the Bawar Range of the Jaunsar Division.

83. The following statement shows the number of trained Rangers and Foresters in the Circle. On the 30th June 1895 we had a provincial staff of—

	Upper class certificates.	Lower class certificates.	No certificates
Extra Assistant Conservators	2	...	...
Forest Rangers	2	6	1
Foresters	...	7	4
	4	13	5

84. The Conservator is glad to record his appreciation of the good work done by Mr. Grenfell in Dehra Dún and by Mr. Osmaston while officiating in Jaunsar, and latterly in the Saháranpur Division. He would also bring to notice the excellent work done by Pandit Sadanand Gairola as Divisional officer in Saháranpur and in the settlement of chaks in the Jaunsar Division.

Babu Karuna Nidhan Mukerjee worked fairly well in Jaunsar as far as his health would permit; he is commended by the Divisional Officer for having done good work in the Ganges Range of the Dún Division.

85. In the Jaunsar Division, Forest Rangers Rama Datt and Muhammad Hussain are especially commended by the Divisional Officer; and Rangers Madho Ram and Gulab Rai have much improved and shew interest in their work; they also rendered much assistance during the tour of the Imperial Forest School.

In the plains Divisions, Rangers Har Swarup and Pirbhu Lal have done best; and among the Foresters Jaimal Singh has shewn himself intelligent and hard working; and Dharam Singh in Jaunsar has also worked well. The two new Foresters who joined from the Forest School, Daya Ram and Bhikan Lal, are well spoken of by their Divisional Officers.

As regards the protective staff some slackness is reported in Jaunsar, while in the Dehra Dun Division they are reported to have not always worked as well as might be expected. The establishment in the Saháranpur Division has been reported to have worked well on the whole.

86. The Conservator is glad once more to acknowledge the excellent work done by his Head Clerk Babu Kasheshwar Mukerjee and his office staff.

The Divisional office establishment have, except in the Dehra Dún Division, generally worked well. The Dehra Dún Divisional Officer commends the good work done by Munshi Ragpat Rai, vernacular clerk.

The health of the establishment has been good on the whole, except for the deaths of a Forest Ranger, a Forester and 6 Forest Guards from different causes during the year.

87. *Elephants.*—The three elephants belonging to the Circle were in good health at the end of the year.

88. *Riboisement of the Rori Island.*—This work was made over to the Saháranpur Division in May 1893 and work was started at once. Great damage was done to the plantation by the flood resulting from the bursting of the Gohna lake, killing about half the plants and injuring the remainder to a greater or less extent. The vacancies are being replaced and Rs. 156 out of Rs. 500 contributed by the Hardwar Municipality were spent during the year and a further extension of the plantation is proposed to be shortly carried out.

DEHRA DUN:
Dated the 16th September 1895.

A. SMYTHIES,
Offg. Conservator of Forests, School Circle, N.-W. P. and Oudh.

ANNUAL STATEMENTS

AND

APPENDICES.

[Form No. 46.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

AREA OF RESERVED FORESTS, 1894-95.

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1894. Acres.	Area on 1st July 1894. Equivalent in square miles.	Added during the year. Acres.	Excluded or transferred to other heads. Acres.	Area on 30th June 1895. Acres.	Area on 30th June 1895. Equivalent in square miles.	No. and date of Notification of addition or transfer, &c.	Remarks.
Naini Tal.	Bánikhet ...	Almora ...	Bánikhet Reserve ...	5,076	8	...	...	5,076	8		
	Ditto ...	Ditto ...	Baldhoti Ditto ...	244	...	...	...	244	...		
	Ditto ...	Ditto ...	Kalimath Ditto ...	46	...	...	...	46	...		
	China and Manora.	Naini Tal ...	Naini Tal Ditto ...	14,520	23	...	...	14,520	23		
	Manora ...	Ditto ...	Dalmar-Mora Ditto ...	4,086	6	...	...	4,086	6		
	Gagar ...	Ditto ...	Gagar Ninglat Ditto ...	11,877	19	...	...	11,877	19		
			Total ...	35,849	56	...	...	35,849	56		
Kumaun.	Dechauri ...	Naini Tal ...	Dechauri	33,239	52	...	...	33,239	52		
	Fatehpur ...	Ditto ...	Fatehpur	26,389	41	...	...	26,389	41		
	Chakhata ...	Ditto ...	Chakhata	26,107	41	...	...	26,107	41	No. 316F. / 650B.-10, dated 29th May 1894.	
	Nandhaur ...	Ditto ...	Nandhaur	48,503	76	120	...	48,623	76		
	Jaunlasal ...	Ditto ...	Jaunlasal	51,853	81	...	...	51,853	81		
	Dogari ...	Ditto ...	Dogari	43,775	68	...	...	43,775	68		
	Sárra Nadi ...	Ditto ...	Sárra Nadi	17,059	27	...	...	17,059	27		
	Sarda ...	Ditto ...	Sarda	56,940	89	...	...	56,940	89		
			Total ...	303,885	475	120	...	303,985	475		
Garhwal.	Rámganga ...	Garhwál ...	Reserve No. I Kotri Dún Block Kalagarh.	5,695	9	...	...	5,695	9		
	Adnála ...	Ditto ...	Ditto „ 1 Patli Dún ...	133,560	209	...	...	133,560	209		
	Mandal ...										
	Rámganga ...										
	Mandal ...	Garhwál ...	Ditto „ III—Kartia ...	847	1	...	...	847	1		
	Chilkia ...	Naini Tal ...	Ditto „ IV—Chilkia ...	82,699	129	...	...	82,699	129		
	Malani ...										
	Kota ...	Ditto ...	Ditto „ V—Kota ...	43,023	67	...	...	43,023	67		
	Do. ...	Ditto ...	Ditto „ VI—Dabka ...	7,555	12	...	...	7,555	12		
	Jaspur ...	Ditto ...	Ditto „ VII—Gokhibulchand...	11,098	17	...	...	11,098	17		
	Ditto ...	Bijnor ...	Ditto „ VIII—Rehar ...	16,644	26	...	...	16,644	26		
			Total ...	301,120	470	...	...	301,120	470		

BENGAL SECRETARIAT LIBRARY

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

AREA OF RESERVED FORESTS, 1894-95—*(concluded)*.

Division.	Range.	Civil district or territory.	Name of forest.	Area on 1st July 1894. Acres.	Area on 1st July 1894. Equivalent in square miles.	Added during the year. Acres.	Excluded or transferred to other heads. Acres.	Area on 30th June 1895. Acres.	Area on 30th June 1895. Equivalent in square miles.	No. and date of Notification of addition or transfer, &c.	Remarks.
Ganges.	Palain ...	Garhwál ..	Palain Reserves ...	33,292	52	...	...	33,292	52		
	Kohtri ...	Ditto ...	Kohtri Ditto	43 710	68	...	...	43,710	68		
	Sona Nadi ...	Ditto ...	Sona Nadi Ditto	54,096	84	...	...	54 096	84		
	Udepur ...	D tto ...	Udepur Ditto	40,079	63	...	...	40 079	63		
	Lansdowne ...	Ditto ...	Lansdowne Ditto	13,954	22	...	...	13,954	22		
	Gohri ...	Ditto ...	Gohri Ditto	39,822	62	...	...	39,822	62		
	Ditto ...	Ditto ...	Luni Ditto	13,397	21	...	* 2	13,395	21		* Rectification of area.
	Chandi ...	Bijnor ...	Hazara, Chandi, &c, Reserves ...	38.160	60	...	...	38,160	60		
	Mohanwali ...	Ditto ...	Mohanwali	2,385	7¼	...	...	2,385	† 7¼		† These two forests are managed by the Collector of Bijnor.
	Amsot ...	Ditto ...	Amsot	2,393				2,393			
			Total ...	281,288	440	.	2	281,286	440		
Bundelkhand.	Jhánsi ...	Jhánsi ...	Jhánsi Reserves ...	30,614	48	...	...	30,614	48		
	Lalitpur ...	Ditto ...	Lalitpur Ditto ...	82,256	138	...	...	88,256	138		
	Bánda ...	Bánda ...	I—Ránipur Ditto ...	16,220	25	...	...	16,220	25		
	Ditto ...	Ditto ...	II—Chauri Donda Ditto ...	14 967	23	‡ 751	...	15,718	24		‡ Rectification of area. These tracts having been hitherto included in unclassed forests through an oversight.
	Ditto ...	Ditto ...	III—Mánikpur Ditto ...	10,899	17	‡ 778	...	11,677	18		
	Ditto ...	Ditto ...	IV—Matdor Ditto ...	6,729	11	...	...	6,729	11		
	Ditto ...	Ditto ...	V—Kolhua Ditto ...	6,182	10	...	...	6,182	10		
			Total ...	173,867	272	1,529	...	1,75,396	274		
			Total, Central Circle ...	1,095,989	1,712	1,649	2	1,097,636	1,715		
			Oudh Circle	795 287	1,243	342	832	795,297	1,243		
			School Circle	462,284	722	...	15	462,269	722		
			Grand Total, Provinces ...	2,353,560	3,677	1,991	349	2,355,202	3,680		

Abstract of changes during the year (Central Circle).

			Acres.
Area at commencement of year			... 1,095,989
Added —	Acres.		
Reservation of new areas	120		
Rectification of areas	1,529		
		1,649	
Excluded —			
By rectification of areas ...		2	
Net increase ...	1,647		1,647
Area at close of year ...		..	1,097,636

NAINI TAL:
The 19th September 1895.

E. P. DANSEY,
Conservator of Forests, Central Circle, N.-W. P. and Oudh.

[Form No. 46A

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

AREA OF PROTECTED FOREST, 1894-95.

Division.	Range.	Civil district or territory.	Name of forest.	Area on 1st July 1894. Acres.	Area on 1st July 1894. Equivalent in square miles.	Added during the year. Acres.	Excluded or transferred to other heads. Acres.	Area on 30th June 1895. Acres.	Area on 30th June 1895. Equivalent in square miles.	N. and date of Notification of addition or transfer, &c.	Remarks.
Naini Tal.	China ...	Naini Tal ...	China								
	Hinan ...	Ditto ...	Budhlakot								
	Do. ...	Ditto ...	Bhawali								
	Do. ...	Ditto ...	Jakh	19,441	30	...	...	19,441	30		
	Do. ...	Ditto ..	Lariakanta								
	Manora ...	Ditto ...	Kuria								
	Do ...	Ditto ...	Nalena								
	Seoni ...	Almora ...	Machor	146	...	...	...	146	...		
	Do. ...	Ditto ...	Bhatronj	5,828	9	...	...	5,828	9		
	Do. ...	Ditto ...	Seoni	4,432	7	...	...	4,432	7		
	Do. ...	Ditto ...	Sian	700	1	...	...	700	1		
	Do. ...	Ditto ...	Bellekh	942	2	...	...	942	2		
	Do. ...	Ditto ...	Kathallekh	1,812	3	...	...	1,812	3		
	Ranikhet ...	Ditto ...	Ganiadeoli	889	1	...	...	889	1		
	Do. ...	Ditto ...	Karchuli	213	1	...	...	213	1		
	Do. ...	Ditto ...	Chilhanao	630	1	...	...	630	1		
	Do. ...	Ditto ...	Chaubattia, East and West ...	1,208	2	...	...	1,208	2		
	Do. ...	Ditto ...	Padholi	920	2	...	...	920	2		
	Do. ...	Ditto ...	Dwarson	1,519	2	...	...	1,519	2		
	Do. ...	Ditto ...	Siahidevi	2,064	3	...	...	2,064	3		
	Airadeo ...	Ditto ...	Airadeo	16,757	26	...	...	16,757	26		
			Total, Naini Tal Division ...	57,501	90	...	...	57,501	90		
Bundel Khund.	Lalitpur ...	Jhánsi ...	Talbehat	2,846	4	...	...	2,846	4		
			Total, Bundelkhand Division ...	2,846	4	...	...	2,846	4		
			Total ...	60,347	94	...	...	60,347	94		
		Garhwál ...	Unmeasured lands of the district managed by Deputy Commissioner	2,560,000	4,000	...	...	2,560,000	4,000	No. 869F. / 638—44, dated 17th October 1893	
		Almora ...	Ditto ditto ...	3,123,652	4 881	...	...	3,123,652	4,881		
		Naini Tal ...	Ditto ditto ...	220,371	344	...	...	220,371	344		
			Total, District Forests ...	5,904,023	9,225	...	...	5,904,023	9,225		
			Total, Central Circle ...	5,964,370	9,319	...	...	5,964,370	9,319		
			„ Oudh Circle ...			Nil.					
			„ School Circle ...			Nil.					
			Grand Total, Provinces ...	5,964,370	9,319	...	...	5,964,370	9,319		

NAINI TAL:
The 19th September 1895.

E. P. DANSEY,
Conservator of Forests, Central Circle,
N.-W. P. and Oudh.

[Form No. 46B.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

AREA OF UNCLASSED FORESTS, 1894-95.

Division.	Range.	Civil District or territory.	Name of forest.	Area on 1st July 1894. Acres.	Area on 1st July 1894. Equivalent in square miles.	Added during the year. Acres.	Excluded or transferred to other heads. Acres.	Area on 30th June 1895. Acres.	Area on 30th June 1895. Equivalent in square miles.	No and date of notification of addition or transfer, &c.	Remarks.
Bundelkhand.	Bánda	Bánda ...	*I—Rámpur-Kaliánpur.*								
			Nihi	2,109	9	...	...	2,109	9		
			Maholi	949				949			
			Kaliánpur	2,671				2,671			
			Total ...	5,729	9	...	...	5,729	9		
			II—Chauri-Donda.								
			Karauhan	729	2	...		729	1		
			Sikapur Chit-Ghati	69				69			
			Chulha	751			*751	...			
			Total ...	1,549	2	...	751	798	1		* Rectification of areas (see remarks in Form No. 46, reserved forests).
			III.—Mánikpur.								
			Mahál Balkishan of Chulhi village,	26	...	...	...	26	...		
			Do. Makhramgir of ditto	13				13			
			Total ...	39	...	...	...	39	...		
			IV—Tikaria.								
			Bhenda or Bhera	778	21	...	*778	...	20		
			Dadri Muáfi	4,679				4,697			
			Tikaria Jamanhai	2,892				2,892			
			Gorsarai	909				909			
			Rukma Buzurg	1,978				1,978			
			Marian Panwari, or Mandayan Panwari.	1,886				1,886			
			Total ...	13,140	21	...	778	12,362	20		
			Total, Bundelkhand Division ...	20,457	32	...	1,529	18,928	30		
			Total, Central Circle ...	20,457	32	...	1,529	18,928	30		
			„ Oudh Circle ...			*Nil.*					
			„ School Circle ...	8,928	14	...	...	8,928	14		
			GRAND TOTAL, PROVINCE ...	29,385	46	...	1,529	27,856	44		
			Leased Forests.								
			School Circle	54,198	85	...	...	54,198	85		

Abstract of changes during the year (Central Circle).

		Acres.
	Area at commencement of year	20,457
Excluded —	Rectification of areas	1,529
	Area at close of year	18,928

NAINI TAL:
The 19th September 1895.

E. P DANSEY,
Conservator of Forests, Central Circle,
N.-W. P. and Oudh.

[Form No. 46.

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH

AREA OF RESERVED FORESTS, PROTECTED FORESTS AND UNCLASSED STATE FORESTS AND WASTE LANDS, 1894-95.

Division.	Range.	Civil district or Territory.	Name of forest.	Area on 1st July 1894		Added during the year.	Excluded or transferred to other heads	Area on 30th June 1895.		No and date of Notification of addition or transfer, &c.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
Pilibhit.	Pilibhit Mainakot Dhanaraghat	Pilibhit	Pilibhit Mainakot Dhanaraghat	95,726	150	*342	†332	95,736	150	...	* Notification Nos. 59/XIV—637 A-30 and 74/XIV—637A 33, dated 24th January and 1st February 1895, respectively. † Notification No. 515-F/637—A, dated 30th August 1894.
Kheri	Kanjaria Dudua Khairigarh	Kheri	Kanjaria Dudua Khairigarh	278,446	435	...	...	278,446	435	...	As the exchange of lands with the Khairigarh estate has not yet been finally completed no alteration in area has been shown.
Bahraich.	Motipur Chakia Charda, Bhinga	Bahraich	Motipur Chakia Charda Bhinga	211,576	331	...	...	211,576	331	...	
Gonda.	Barahwa Tulshipur Bhambar Nawabganj	Gonda	Barahwa Tulshipur Bhambar Nawabganj	99,079	155	...	...	99,079	155	...	
Gorakhpur.	Southern Range, Central „ Northern „	Gorakhpur	Southern Range Central „ Northern „	110,460	172	...	...	110,460	172	...	
			Total ..	795,287	1,243	342	332	795,297	1,243	...	

Area at commencement of the year ... 7,95,287 Acres.
Added by transfer 342 acres ... } 10 „
Excluded, ditto 332 „ }
Area at close of the year ... 7,95,297 „

DATED NAINI TAL:
The 20th September 1895.

J. R. CAMPBELL, COL,
Offg. Conservator of Forests, Oudh Circle.

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

AREA OF RESERVED, LEASED, PROTECTED AND UNCLASSED STATE FORESTS, 1894-95.

Division.	Range.	Civil District or territory.	Name of Forest.	Area on 1st July 1894. Acres.	Area on 1st July 1894. Equivalent in square miles	Added during the year. Acres.	Excluded or transferred to other heads. Acres.	Area on 30th June 1895. Acres.	Area on 30th June 1895. Equivalent in square miles.	Number and date of notification of addition or transfer &c.	Remarks.
			I,—Reserved Forests.								
Dehra Dún.	Jumna ...	Dehra Dún ...	Ambári	4,203	7	...	...	4,203	7		
			Chándpur	2,251	3	...	...	2,251	3		
			Rámpur Mundi	825	1	...	...	825	1	...	These are gazetted as "Western Siwaliks" in original Notification No. 184, dated 27th February 1879, and in Notification No. 202/XIV—540A, dated 24th April 1895, publishing amended description of boundaries.
			Jumna	8,305	13	...	...	8,305	13	...	
			Timli	19,704	31	...	...	19,704	31	...	
	Malhan ...	Ditto ...	Sherpur	13,922	22	...	...	13,922	22	...	
			Chandrabani	7,289	11	...	...	7,289	11	—	
			Dholkot...	4,810	8	...	...	4,810	8	...	
	Ramgarh ...	Ditto ...	Ramgarh	10,482	16	...	...	10,482	16	...	These are gazetted as "Eastern Siwaliks" in original Notification No. 184, dated 27th February 1879, and in Notification No. 202/XIV—540A, dated 24th April 1895, publishing amended description of boundaries.
			Bulawala	14,965	23	...	...	14,965	23	..	
	Ganges ...	Ditto ...	Kansrau	20,402	32	...	...	20,402	32	...	
			Motichur	22,073	34	...	...	22,073	34	...	
	Lachiwala ...	Ditto ...	Nagsidh	14,792	24	...	...	14,792	24		
			Song	1,338	2	...	...	1,338	2		
			Thano	6,576	10	...	...	6,576	10		
			Kachar	228	...	...	...	228	...		
			Saura Siroli	976	2	...	...	976	2		
			Paled	2,809	4	...	...	2,809	4		
			Maidan	1,752	3	...	15	1,737	3	No. 127/6128—14 dated 8th January 1895.	
			Ladwakot	142	...	...	...	142			
			Pathar Khan	75	...	...	...	75			
			Sansarukhala	425	2	...	...	425	2	...	In two pieces Nos 1 and 2
			Suridhar	200	...	...	...	200			
			Talai	247	...	...	...	247			
			Barkot	275	...	...	...	275			
	Tirsal ...	Ditto .	Tirsal	12,791	20	...	...	12,791	20		
			Sankot	5,281	8	...	...	5,281	8		
			Tapoban	42	...	...	...	42	...		
			Bibhadda	447	1	...	...	447	1	...	Called "Birpur" in Notification No. 184, dated 27th February 1879.
			Rikhikesh	6	...	...	...	6	..		
			Total, Dehra Dún Division ...	1,77,633	277	...	15	1,77,618	277		

| | | |

[Form No. 46.

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

AREA OF RESERVED, LEASED, PROTECTED AND UNCLASSED STATE FORESTS, 1894-95—(*concluded*).

Division.	Range.	Civil district or territory.	Name of Forest.	Area on 1st July 1894.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1895.		Number and date of notification of addition or transfer, etc.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres	Equivalent in square miles.		
			III.—Protected Forests.								
			Nil								
			IV.—Unclassed State Forests								
Jaunsár.	Deoban ...	Dehra Dún ...	Chakrata Cantonment Forests, comprising :—								
			Lurli	290	1	...	...	290	1		
			Suitoli	188				188			
			Forest garden	48				48			
Dehra Dún.	Ganges and Tirsal.	Ditto ...	Waste lands available for cultivations Blocks 2, 3, 7 to 14.	8,368	13	...	...	8,368	13		
	Ramgarh and Lachiwala.	Ditto ...	Camping grounds at Bulawala, Lachiwala and Thano.	33	...	...	...	33	...		
			Forest chaukis at Sahenspur, Barkot and Raipur.	1	...	...	...	1	...		
			Total unclassed State Forests ...	8,928	14	...	...	8,928	14		
			GRAND TOTAL ...	5,25,410	821	...	15	5,25,395	821		

Abstract of changes during the year.

	Acres.
Area at commencement of the year	5,25,410
Excluded during the year	15
Total at close of the year ...	5,25,395

DATED DEHRA DUN;
The 16th September 1895.

A. SMYTHIES,
Offg Conservator of Forests, School Circle,
N. W. Provinces and Oudh.

(M)

[Form No. 47.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

STATEMENT SHOWING THE PROGRESS MADE IN, AND THE EXPENDITURE INCURRED ON, FOREST SETTLEMENTS DURING 1894-95.

Name of Forest Division.	Name of civil district or territory.	Square miles area already settled at commencement of the year.	Area finally settled during the year.						Areas undergoing settlement.						Remarks.
			Number and date of Government order according final sanction to the settlement.	Name of forest settled.	Area in square miles	Expenditure incurred during the year on areas finally settled—		Entire cost per square mile of areas finally settled during the year.	At commencement of the year.		Taken in hand during the year.		Expenditure incurred during the year on areas undergoing settlement.		
						In Forest accounts.	In other accounts		Name of tract.	Area in square miles.	Name of tract.	Area in square miles.	In Forest accounts.	In other accounts.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
						Rs.	Rs.	Rs.					Rs.	Rs.	
									I.—Reserved Forests.						
Naini Tal ...	Naini Tal...	48	...	...	...	...	...	...	Protected forests, Naini Tal Division.	30	..	...		...	
Ditto ...	Almora ..	8½	...	...	...	...	...	...	Protected forests, Ránikhet Sub Division.	60	Chatarpal ... Binsar Garanath. Siahidevi ...	½* 36† 4‡	...	...	*G.O. No. 785/XIV—766A, dated 1st October 1894
Total, Naini Tal	...	56½	...	...	...	...	...	...	...	90	...	40½			†G.O No 299/XIV—816A, dated 11th May 1895.
Kumaun ...	Naini Tal...	78	...	...	...	...	...	...	The submontane portion of the Kumaun Division reserves.	397	Kailas ... Sukhi ... Gola ... Bhakra ... Garappu ..	3 1 7 4 4			‡G.O No. 349/XIV—812, dated 5th June 1895.
Total, Kumaun	...	78	...	...	...	...	...	...	...	397	...	19§	635	‖70	§ G. O. No, 862F., dated 13th November 1894.
Garhwál ..	Bijnor ...	26	...	...	...	...	...	...	The submontane portion of the Garhwál Division reserves.	444	...	...			‖ Incurred by Forest Settlement Officer and charged in his accounts.
Total Garhwál	...	26	...	...	...	...	...	...	...	444	...	...			
Ganges ...	Bijnor ...	67½	...	...	...	...	...	...	The submontane portion of the Ganges Division reserves.	347	...	...			
Ditto ..	Garhwál ...	25	...	...	...	...	...	...							
Total, Ganges	...	92½	...	...	...	...	...	...	...	347	...	...			

[Form No. 47.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

STATEMENT SHOWING THE PROGRESS MADE IN, AND THE EXPENDITURE INCURRED ON, FOREST SETTLEMENTS DURING 1894-95.

Name of Forest Division.	Name of civil district or territory.	Square miles area already settled at commencement of the year.	Area finally settled during the year.						Area undergoing settlement.						Remarks.
			Number and date of Government order according final sanction to the settlement	Name of forest settled.	Area in square miles.	Expenditure incurred during the year on areas finally settled		Entire cost per square mile of areas finally settled during the year.	At commencement of the year.		Taken in hand during the year.		Expenditure incurred during the year on areas undergoing settlement.		
						In forest accounts	In other accounts		Name of tract.	Area in square miles.	Name of tract.	Area in square miles.	In forest accounts.	In other accounts.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
						Rs.	Rs.	Rs.					Rs.	Rs.	
Bundelkhand ..	Jhánsi ..	48	...	...	...	...	...	...	...	...	...	...			
Ditto ...	Lalitpur .	138	...	...	...	...	...	...	...	...	...	...			
Ditto ...	Bánda ..	88	...	...	...	...	...	...	...	...	..	...			
Total, Bundelkhand.	...	274	...	...	...	...	..	...	...	...	...	...			
Total, Reserves	...	527	..	...	...	...	...	...	..	1,278	...	59½	635	70	
Bundelkhand	Jhánsi ...	4	...	...	...	...	...	...	...	...	...	.	...	...	
Total, Protected	...	4	...	...	...	...	...	*II.—Protected Forests.*	...	...	...	...	...	...	
Total, Central Circle.	...	531	...	...	...	...	...	...		1,278	...	59½	635	70	
Oudh Circle ...	...	1,243	...	...	...	678	...	...	...	44	...	...	...	..	
School Circle...	...	722	...	...	...	...	...	...	...	0·47		...	...	...	
GRAND TOTAL, PROVINCE.	...	2,496	...	...	...	678	...	...	...	1,322·47	...	59½	635	70	

Abstract (Central Circle).

	Square miles.
Already settled at commencement of the year	531
Settled during the year	...
Undergoing settlement at commencement of the year	1,278
Taken in hand during the year	59½
Total area of reserved and protected forests ...	1,868½

As per Form 46 and 46A, excepting 59½ square miles taken in hand during the year.

NAINI TAL :
The 19th September 1895.

E. P. DANSEY,
Conservator of Forests, Central Circle,
N.-W. P. and Oudh.

[Form No. 47

FOREST DEPARTMENT, OUDH CIRCLE, NORTH WESTERN PROVINCES AND OUDH.

STATEMENT SHOWING THE PROGRESS MADE IN, AND THE EXPENDITURE INCURRED ON, FOREST SETTLEMENTS, DURING 1894-95.

Name of Forest Division.	Name of Civil District or Territory	Area already settled at commencement of the year	Areas finally settled during the year,						Areas undergoing settlement.						Remarks.
			Number and date of Government order according final sanction to the Settlement.	Name of Forest settled.	Area in square miles	Expenditure incurred during the year on areas finally settled		Entire cost per square mile of areas finally settled during the year.	At commencement of the year.		Taken in hand during the year.		Expenditure incurred during the year on areas undergoing Settlement.		
						In Forest accounts	In other accounts		Name of tract.	Area, in square miles.	Name of tract	Area, in square miles.	In Forest accounts	In other accounts.	
		Sq. Ms.				Rs.	Rs	Rs.					Rs	Rs.	
Pilibhít ...	Pilibhít ...	150	Notification Nos. 59 XIV-637A-30 of 24th January 1895 and 74 XIV-637A-33 of 1st February 1895	Baibaha.	*1—2	*Nil.*	...	...	...	...	...	...	...	...	* Land acquired under Act I of 1894.
Kheri ...	Kheri ...	435	...	...	...	...	...	...	Bardia village	†44	...	...	...	...	† Notification No. 320F. / 3910 13' dated 19th April 1894.
Bahraich ...	Bahraich ...	331	...	...	...	...	...	...	...	...	...	...	...	...	
Gonda ...	Gonda ...	155	...	...	...	...	...	...	...	...	...	...	...	...	
Gorakhpur ...	Gorakhpur,	172	...	...	...	678	...	...	...	...	...	...	...	...	Cost of litigation in regard to the 494 acres in the Dudhai Forests reserved last year.
	Total ...	1,243	...	...	...	678	...	...	...	44	...	...	...	...	

DATED NAINI TAL:
The 20th September 1895.

J. E CAMPBELL, COL.,
Offg Conservator of Forests, Oudh Circle.

[Form No. 47.

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

STATEMENT SHOWING THE PROGRESS MADE IN, AND THE EXPENDITURE INCURRED ON, FOREST SETTLEMENTS DURING 1894-95.

Name of Forest Division.	Name of Civil District or Territory.	Area already settled at commencement of the year	Areas finally settled during the year.						Areas undergoing settlement.						Remarks.
			Number and date of Government order according final sanction to the Settlement.	Name of Forest settled.	Area, in square miles.	Expenditure incurred during the year on areas finally settled.		Entire cost per square mile of areas finally settled during the year.	At commencement of the year.		Taken in hand during the year.		Expenditure incurred during the year on areas undergoing settlement.		
						In Forest accounts.	In other accounts		Name of tract.	Area, in square miles.	Name of tract.	Area, in square miles.	In Forest accounts.	In other accounts.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Reserved Forests.	Sq. miles.				Rs.	Rs.	Rs.					Rs.	Rs.	
Dehra Dún ...	Dehra Dún,	217	...	...	...	...	...	...	Song ...	0·47	...	...	...	...	Settlement being conducted by Local Civil Officers without special cost.
Sahárunpur...	Sahárunpur,	295	...	...	...	...	...	...	...	...	...	...	...	...	
Jaunsár ...	Dehra Dún,	150	...	...	...	...	..	...	...	...	...	...	...	...	
	Reserves ...	722	712	...	...	...	...	...	...	0 47	...	...	...	...	

Abstract.

	Miles. sq.
Already settled at commencement of the year	722
Settled during the year	...
Under settlement at close of the year	0 47
Total area of Reserves as per Form No. 46 ...	722

DEHRA DÚN:
The 16th September 1895.

A. SMYTHIES,
Offg. Conservator of Forests, School Circle, N.-W. P. and Oudh

[Form No. 48.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

RECORD OF DEMARCATION AND MAINTENANCE OF BOUNDARIES, 1894-95.

Division.	Length of boundaries artificially demarcated during the year.	Length of previously existing boundaries repaired.	Length of previously existing boundaries not repaired.	Total length of artificially marked boundaries at the close of the year.	Length of boundaries not demarcated at the close of the year.	Length of natural boundaries not requiring artificial marks.	Total length of boundaries at the close of the year.	Expenditure on demarcation during the year— On new work.	Expenditure on demarcation during the year— On repairs.	Remarks.
1	2	3	4	5	6	7	8	9	10	11
	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Rs.	Rs.	
Naini Tal	...	51	531	582	...	...	582	(a) 16	112	(a) Expenditure incurred on preliminary demarcation of Binsar, Siahi Devi and Kalimath proposed Reserves.
Kumaun	¼	191	287	478¼	...	199	(b) 677¼	12	188	(b) Less by 2 miles than last year's figures owing to the inclusion of Durgapipal within the Reserve.
Garhwál	...	43	378	421	...	62	483	...	204	
Ganges	6	222	10	238	...	126	364	30	529	
Bundelkhand	...	87	702	789	...	106	895	...	60	
Total, Central Circle ...	6	594	1,908	2,508	...	493	3,001	58	1,093	
Oudh Circle ...	50	367	720	1,137	16	297	1,434	2,036	6,965	
School Circle ...	17	236	275	528	133	313	974	534	1,447	
GRAND TOTAL, PROVINCE ...	73	1,197	2,903	4,173	149	1,103	5,409	2,628	9,505	

N.B.—Boundaries include, besides the outer perimeter, the limits of enclosures of private or other lands within the forests, but not the limits of sub-divisions, such as blocks, compartments, coupes.

NAINI TAL:
The 19th September 1895.

E. P. DANSEY,
Conservator of Forests, Central Circle,
N.-W. P. and Oudh.

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

RECORD OF DEMARCATION AND MAINTENANCE OF BOUNDARIES, 1894-95.

Division.	Length of boundaries artificially demarcated during the year	Length of previously existing boundaries repaired.	Length of previously existing boundaries not repaired.	Total length of artificially marked boundaries at the close of the year.	Length of boundaries not demarcated at the close of the year.	Length of natural boundaries not requiring artificial marks.	Total length of boundaries at the close of the year.	Expenditure on demarcation during the year.		Remarks.
								On new work	On repairs.	
1	2	3	4	5	6	7	8	9	10	11
	Miles	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Rs.	Rs	
* Pilibhit	...	71	46	117	...	21	138	...	1,734	(K.) Erecting 475 monoliths.
Kheri	...	77	257	334	16	118	452	327	...	
Bahraich	...	105	188	293	...	10	303	...	4 774	Demarcation of blocks E and F.
Gonda	...	114	76	190	...	32	222	437	457	
Gorakhpur	50	...	153	203	...	116	319	1,272	...	(G. P) Increase in column 2 is due to the erection of boundary pillars in the West Lehra Bhillampur, North and South Banki forests, and also to the erection of pillar in the Dudhai forest. In all 156 monoliths were erected.
Total ...	50	367	720	1,137	16	297	1 434	2 036	6,965	

* (P) Monoliths now only require to be erected along village boundaries on right bank of the Chuka about 11 miles in all—400 monoliths purchased, 374 erected.

	Rs.	a.	p.
(B) Cost of 950 stone monoliths ...	3,562	8	0
Carriage and erection of above ...	808	9	3
Alignment in Charda	402	13	0
Total ...	4,773	14	3

N. B—Boundaries include besides the outer permeter, the limits of enclosures of private or other lands within the forests, but not the limits of sub-divisions, such as blocks compartments, coupes,

DATED NAINI TAL:
The 20th September 1895.

J. E CAMPBELL, COL,
Offg. Conservator of Forests Oudh, Circle.

[Form No. 48.

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

RECORD OF DEMARCATION AND MAINTENANCE OF BOUNDARIES, 1894-95.

Division.	Length of boundaries artificially demarcated during the year.	Length of previously existing boundaries repaired.	Length of previously existing boundaries not repaired.	Total length of artificially marked boundaries at the close of the year.	Length of boundaries not demarcated at the close of the year.	Length of natural boundaries not requiring artificial marks.	Total length of boundaries at the close of the year.	Expenditure on demarcation during the year.		Remarks.
								On new work.	On repairs.	
11	2	3	4	5	6	7	8	9	10	11
Reserved Forests.	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Rs.	Rs.	
Dehra Dún	...	134	94	228	...	49	277	*449	434	* Cost of 132 masonry pillars in Malkot Forest and Ramgarh Range and digging 2 miles and 20 chains of boundary ditches and planting aloes in the Jumna, Ramgarh and Ganges Ranges.
Saháranpur	...	81	41	†122	2	7	131	...	899	† Four miles shown as artificially demarcated during 1893-94 represent previously existing boundary in which ditches were dug hence excluded from the total in column 5 of the current return.
Jaunsár ... Main lines ...	17	11	65	93	168	167	368	85	77	
Jaunsár ... Chak do. ...	...	1	35	36	...	12	48	...	21	
Total, Reserved Forests ...	17	227	235	479	110	335	824	534	1,431	
Leased Forests.										
Jaunsár ... Main lines ...	...	9	40	49	21	78	148	...	16	
Jaunsár ... Chak do. ...	...	...	...	...	2	...	2	...	...	
Total, Leased Forests ...	...	9	40	49	23	78	150	...	16	
GRAND TOTAL ...	17	236	275	528	133	313	974	534	1,447	

N.B.—Boundaries include, besides the outer perimeter, the limits of enclosures of private or other lands within the forests, but not the limits of sub-divisions, such as blocks, compartments, coupes.

DATED DEHRA DÚN:
The 16th September 1895.

A. SMYTHIES,
Offg. Conservator of Forests, School Circle, N.-W. P. and Oudh.

FOREST DEPARTMENT, CENTRAL CIRCLE,

STATEMENT OF FOREST AREAS SURVEYED AND

Division.	Areas surveyed and under survey during the year.															
	Special surveys—Maps on four inch scale or over, by survey of India Department or Forest Survey Branch								Ordinary, included in district surveys.							
	With interior details.					Boundary surveys.			With interior details.					Boundary surveys.		
	With details of growing stock		Without details of growing stock						With details of growing stock		Without details of growing stock					
	Previous.	Of the year	Previous.	Of the year.	Total.	Previous.	Of the year.	Total cost.	Previous.	Of the year	Previous.	Of the year.	Total.	Previous.	Of the year.	Total cost.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Sq ms	Sq. ms	Sq. ms.	Sq. ms.	Rs.	Sq ms.	Sq ms.	Rs.	Sq. ms	Sq ms	Sq. ms	Sq. ms	Rs	Sq ms	Sq. ms	Rs.
												I.—*Reserved Forests.*				
Naini Tal ...	23	...	33	...	6,802	...	...	...	...	...	...	...	...	...	...	...
Kumaun ...	259	...	216	...	55,412	...	...	...	...	...	...	...	...	...	...	...
Garhwál ...	58	...	412	...	54,439	...	...	...	...	...	...	...	...	...	...	...
Ganges ...	10	...	422	...	50,731	...	...	...	...	...	...	...	...	...	...	...
Bundelkhand	...	...	136	115	14,687	...	...	...	...	..	...	...	...	...	...	...
Total Reserves	350	...	1,219	115	1,82,071		..	...	...		..	.		...	...	...
												II.—*Protected Forests.*				
Naini Tal ...	30	...	60	...	10,350	...	...	...	...	...	...	...	...	...	...	...
Bundelkhand	...	...	...	...	...	...	..	..	...	...	..	..	.	...	.	...
Total Protected	30	...	60	...	10,350	...	...	...	...	...	...	...	...	...	...	...
												III.—*Unclassed Forests.*				
Bundelkhand	...	...	30	...	2,132	...	...	...	...	..	...	...	...	...	...	...
Total, Central Circle	380	...	1,309	115	1,94,553	...	...	...	...	...	...	...	...	...	...	...
Oudh Circle .	607	358	607	358	24,434	...	.	...	...	...	...	...	...	...	...	...
School Circle,..	819	..	...	...	2,20,410	...	...	.	...		...	...	..			...
GRAND TOTAL, PROVINCE	1,806	358	1,916	473	4,39 397	...	...	...	...	...	...	...	...	...	...	...

NAINI TAL :
The 19th September 1895.

[Form No. 49.

NORTH-WESTERN PROVINCES AND OUDH

UNDER SURVEY DURING THE YEAR 1894-95.

Chain and compass or other surveys by local officers								Areas remaining to be taken under survey.	Total Forest area at end of the year, as per Form No 48.	Cost			Remarks
With interior details.					Boundary surveys.								
4 inch or over.		Under 4 inch.		Total cost									
Previous.	Of the year	Previous.	Of the year.		Previous.	Of the year.	Total cost.			Previous.	Of the year.	Entire cost of all surveys to end of year	
18	19	20	21	22	23	24	25	26	27	28	29	30	31
Sq ms	Sq. ms	Sq. ms.	Sq. ms	Rs	Sq ms	Sq. ms	Rs.	Sq. ms	Sq. ms	Rs	Rs	Rs.	
...	...	...	...	(a)88	...	...	...	...	56	6,802	88	6,890	(a) In surveying the Chatrapal and Kalimath proposed reserves
...	...	...	...	(b)136	...	...	...	...	475	55,412	136	55,548	(b) Pay of a draughtsman inserting in the Divisional maps the blocks, compartments, &c, of the new Kumaun Division Working Plan.
...	...	...	...	(c)50	...	..	...	...	470	54,439	50	54,489	(c) Pay of a draughtsman employed in bringing Divisional maps up to date
...	...	...	...	...	...	1	(d)38	8	440	50,731	38	50,769	(d) Pay of an amin in checking the boundaries of the new Panialí reserves and in surveying village lands situate within the Lansdowne reserves
...	...	...	...	...	...	...	...	23	274	8,279	(e)6,408	14,687	(e) Cost of surveying 115 square miles of reserved forests in the Lalitpur Range of the Bundelkhand Division. Work done by Forest Survey Branch.
.	.	...	.	274	.	1	38	31	1,715	1,75 668	6,720	1,82,383	
...	...	...	...	...	...	...	...	..	90	10,350	...	10,350	
...	...	...	...	...	...	...	...	4	4	..	...		
...	...	...	...	...	...	..	...	4	94	10,350	...	10,350	
...	..	...	.	.	...	...	.		30	2,132	...	2,132	
...	...	...	...	274	...	1	38	35	1,839	1,88,145	6,720	1,94,865	
..	..	.			...	.	...	300	1,243	17,529	11,020	29,449	
...	..		.	...	1	2	780	2	821	2,20,731	459	2,21,190	
...	...	...	...	274	1	3	818	337	3,903	4,26,405	19,009	4,45,504	

E P. DANSEY,

Conservator of Forests, Central Circle,

N.-W. Provinces and Oudh.

FOREST DEPARTMENT OUDH CIRCLE,

Statement of Forest areas surveyed and

Division.	Area surveyed and under survey during the year.														
	Special surveys.—Maps on 4" scale or over by Survey of India Department, or Forest Survey Branch.								Ordinary, included in district surveys.						
	With interior details.					Boundary surveys.			With interior details.					Boundary surveys.		
	With details of growing stock.		Without details of growing stock.		Total cost to 30th June 1895.				With details of growing stock.		Without details of growing stock.					
	Previous.	Of the year.	Previous.	Of the year.		Previous.	Of the year.	Total cost.	Previous.	Of the year.	Previous.	Of the year.	Total cost.	Previous.	Of the year.	Total cost.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Sq. m.	Sq. m.	Sq m	Sq. m.	Rs.	Sq. m	Sq. m	Rs.	Sq. m.	Sq. m.	Sq. m	Sq. m.	Rs.	Sq. m.	Sq. m	Rs.
Pilibhít ...	*153	...	153	...	4,604 (*a*) (*b*)	...	...	...	...	...	...	...	...	...	...	...
Kheri (Bhira)	155	...	155	...	2,359 (*a*) (*c*)	...	...	...	...	...	...	...	...	...	...	...
Do Dudua...	209	...	209	...	8,198 (*c*)	...	...	...	...	...	...	...	...	...	...	...
Bahraich ...	...	211	...	211	3,188 (*d*)	...	...	...	...	...	...	...	...	...	...	...
Gonda ...	...	147	...	147	6,085	141 (*f*)	...	...	...	...	...	...	...	...	...	...
Gorakhpur...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	607	358	607	358	24,434	...	...	..	...	...	...	...	...	...	...	...

N. B.—The figures in first eight columns are those supplied by the Superintendent of Forest Surveys.

*Village lands are included in this by Forest Survey. The actual area of the forest is 150 square miles.

DATED NAINI TAL:
The 24th September 1895.

[Form No. 49.

N. W. P. AND OUDH.

under Survey during the year 1894-95.

Chain and compass or other surveys by local officers.								Areas remaining to be taken under Survey.	Total Forest area at end of the year as per form No. 46.	Cost.			Remarks.
With interior details.					Boundary surveys.								
4 inch or over		Under 4-inch.											
Previous.	Of the year.	Previous.	Of the year.	Total cost.	Previous.	Of the year.	Total cost.			Previous.	Of the year.	Entire cost of all surveys to end of the year.	
18	19	20	21	22	23	24	25	26	27	28	29	30	31
Sq. m.	Sq. m	Sq, m.	Sq. m.	Rs.	Sq. m.	Sq. m.	Rs.	Sq m.	Sq. m.	Rs.	Rs.	Rs.	
...	...	...	...	...	...	...	...	...	150	4,259	850	5,109	The cost entered in columns 28, 29 and 30 is as per Assistant Comptroller-General's form No. 61.
...	...	...	...	...	...	...	...	...	435	12,527	2,356	14,883	
...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	120	331	...	3,188	3,188	
...	...	...	...	...	...	...	...	8	155	716	5,526	6,242	
...	...	...	...	...	...	...	...	172	172	27	...	27	
...	...	...	...	...	...	...	...	300	1,243	17,529	11,920	29,449	

(*a*) Includes cost of mapping.
(*b*) Includes cost of line or miles of levelling.
(*c*) Includes cost of an area of 327 square miles of traversing.
(*d*) Includes cost of an area of 180 square miles of traversing.
(*e*) Exclusive of Rs. 4,500 for purchase of two elephants.
(*f*) Cost included in column 6.

J. E. CAMPBELL, Col.,
Offg. Conservator of Forests, Oudh Circle.

FOREST DEPARTMENT, SCHOOL CIRCLE,

STATEMENT OF FOREST AREAS SURVEYED AND UNDER

Division.	Areas surveyed and under survey															
	Special surveys—Maps on 4" scale or over, by Survey of India Department or Forest Survey Branch.								Ordinary, included in district surveys.							
	With interior details.					Boundary surveys.			With interior details.					Boundary surveys.		
	With details of growing stock.		Without details of growing stock.		Total cost.	Previous.	Of the year.	Total Cost.	With details of growing stock.		Without details of growing stock.		Total cost.	Previous.	Of the year.	Total cost.
	Previous.	Of the year.	Previous.	Of the year.					Previous.	Of the year.	Previous.	Of the year.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Sq. Ms	Sq. Ms.	Sq. Ms.	Sq. Ms.	Rs.	Sq Ms	Sq. Ms	Rs.	Sq. Ms	Sq. Ms.	Sq. Ms	Sq Ms.	Rs.	Sq. Ms.	Sq. Ms.	Rs.
												I.—Reserved Forests.				
Dehra Dún ...	275	...	...	...	85,250	...	...	...	...	...	...	...	...	...	...	...
Sahárunpur ...	295	...	...	...	91,450	...	...	...	...	...	...	...	...	...	...	...
Jaunsar ...	150	...	...	...	27,900	...	...	...	...	...	...	...	...	...	...	...
Reserves ...	720	...	...	...	2,04,600	...	...	...	...	...	...	...	...	...	...	...
												II.—Leased Forests.				
Jaunsar ...	85	...	...	...	15,810	...	...	...	...	...	...	...	...	...	...	...
Leased Forests.	85	...	...	...	15,810	...	...	...	...	...	...	...	...	...	...	...
												III.—Protected Forests.				
												Nil.				
												IV.—Unclassed Forests.				
Jaunsar ...	1	...	...	...	Not known.	...	...	...	...	...	...	...	...	...	...	...
Dehra Dún .	13	...	...	...	Ditto	...	...	...	...	...	...	...	...	...	...	...
Unclassed forests.	14	...	...	...	Ditto	...	...	...	...	...	...	...	..	...	...	...

DATED DEHRA DUN:
The 16th September 1895.

[For No. 49.

NORTH-WESTERN PROVINCES AND OUDH.

SURVEY DURING THE YEAR 1894-95.

during the year.													
Chain and compass or other surveys by local officers.								Areas remaining to be taken under survey	Total Forest area at end of the year, as per Form No. 46.	Cost.			Remarks.
With interior details.					Boundary surveys.								
4-Inch or over.		Under 4-inch.		Total Cost.	Previous.	Of the year.	Total Cost.			Previous	Of the year	Entire cost of all surveys to end of the year.	
Previous.	Of the year	Previous.	Of the year										
18	19	20	21	22	23	24	25	26	27	28	29	30	31
Sq. Ms	Sq. Ms	Sq. Ms.	Sq Ms.	Rs.	Sq. Ms	Sq Ms	Rs.	Sq Ms	Sq. Ms.	Rs.	Rs	Rs	
...	...	...	...	...	...	...	...	2	277	85,250	...	85,250	
...	...	...	...	...	...	...	2	...	295	91,452	...	91,452	
...	...	...	...	...	*1·09	*1·81	778	Not yet known.	150	28,219	459	28,678	* Areas of chaks included in the reserves.
...	...	...	...	...	1·00	1·81	780	2	722	2,04,021	459	2,05,380	
...	...	...	...	...	...	...	...	...	85	15,810	...	15,810	
...	...	...	...	...	...	...	...	...	85	15,810	...	15,810	
...	...	...	...	...	...	...	...	...	1	Not known	...	Not known	
...	...	...	...	...	...	...	...	...	13	Ditto.	...	Ditto.	
...	...	...	...	...	...	...	...	...	14	Ditto.	...	Ditto.	

A SMYTHIES,
Officiating Conservator of Forests, School, Circle N.-W. P. and Oudh

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

PROGRESS MADE IN WORKING-PLANS, 1894-95.

Division.	Area for which Working-Plans have been completed—		Areas for which Working-Plans are being compiled—		Areas for which Working-Plans have still to be taken in hand.	Total Forest area, as in Form No. 46.	Entire cost per square mile of Working-Plans completed.	Remarks.
	At commencement of the year.	During the year.	At commencement of the year.	Taken in hand during the year.				
1	2	3	4	5	6	7	8	9
	Sq. ms.	Sq. ms.	Sq. ms.	Sq. ms.	Sq. ms.	Sq. ms.	Rs.	
				I.—*Reserved Forests.*				
Naini Tal	(1)(a)50	...	...	...	6	56	42	(a) Last year the area of Gagar forests (12 square miles) was wrongly excluded.
Kumaun	(2)475	...	...	...	...	475	34	(b) Kohtrí and Palain Working-Plans (area 113 square miles) ceased to be in force from 1st April 1894; and Ganges Working-Plan (141 square miles) is being revised and included in column 5. Working-Plan is being compiled for the whole division with the exception of Amsot-Mohanwali reserves under the management of the Collector of Bijnor, and Lansdowne reserves for which Working-Plan was completed last year.
Garhwál	(3)43	...	427	...	...	470	30	
Ganges	(4)(b)163	...	...	410	8	440	117	
Bundelkhand	...	...	...	...	274	274	...	
Total ...	731	...	427	410	288	1,715	...	
				II.—*Protected Forests.*				(1) Ránikhet and Naini Tal Working-Plans.
Naini Tal	(1)50	...	...	...	40	90	42	(2) Kumaun Division ditto.
Bundelkhand	...	...	...	...	4	4	...	(3) Behar-Gorhibulchand ditto.
Total ...	50	...	...	...	44	94	...	(4) Ganges and Lansdowne ditto.
				III.—*Unclassed Forests.*				
Bundelkhand	...	...	...	...	30	30	...	
Total ...	...	...	...	...	30	30	...	
Total, Central Circle ...	781	...	427	410	362	1,639	...	
Oudh Circle ...	770	151	186	...	136	1,243	10	
School Circle ...	427	...	297	...	97	821	...	
GRAND TOTAL, PROVINCE...	1,978	151	910	410	595	3,903	10	

NAINI TAL:
The 19th September 1895.

E. P. DANSEY,
Conservator of Forests, Central Circle, N.-W. P. and Oudh.

[Form No. 50.

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

PROGRESS MADE IN WORKING-PLANS, 1894-95.

Division.	Areas for which Working Plans have been completed.		Areas for which Working Plans are being compiled.		Areas for which Working Plans have still to be taken in hand	Total Forest area as in Form No. 46.	Entire cost, per square mile, of Working-Plans completed.	Remarks
	At commencement of the year.	During the year	At commencement of the year.	Taken in hand during the year				
1	2	3	4	5	6	7	8	9
	Sq. Ms.	Sq Ms.	Sq. Ms.	Sq. Ms.	Sq. Ms.	Sq. Ms	Rs.	
Pilibhit	...	..	150	...	...	150	...	
Kheri	284	151	..	...	...	435	18	38¼ square miles is the area of Kanjaria for which a Working Plan is now being compiled. This area is included in the 284 square miles.
Bahraich	295	...	36	...	..	331	12	
Gorakhpur	172	...	...	...	...	172	9	
Gonda	19	...	...	...	136	155	2	
Total ...	770	151	186	...	136	1,243	10	

DATED NAINI TAL :
The 20th September 1895.

J. E. CAMPBELL, COL.,
Offg. Conservator of Forests, Oudh Circle.

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

PROGRESS MADE IN WORKING-PLANS, 1894-95.

Division.	Areas for which working-plans have been completed.		Areas for which working-plans are being compiled.		Areas for which working-plans have still to be taken in hand.	Total Forest area, as in Form No. 46.	Entire cost, per square mile, of working-plans completed.	Remarks.
	At commencement of the year.	During the year.	At commencement of the year.	Taken in hand during the year.				
1	2	3	4	5	6	7	8	9
	Sq. miles.	Sq miles.	Sq. miles.	Sq. miles.	Sq. miles.	Sq. miles.	Rs.	
			I.—Reserved Forests.					
Debra Dún	275	...	2	...	...	277		* Cost of Dehra Dún Working Plan not recorded. Working Plan for the Semla, etc., Forests drawn up and submitted to Conservator in December 1893, is still under consideration.
Sahárunpur	..	...	295	...	...	295	...	
Jaunsár	77	...	...	...	73	150	...	
Total ...	352	...	297	...	73	722	...	
			II.—Leased Forests.					
Jaunsár	74	...	...	...	11	85	Not known.	Tehri-Garhwal Leased Forests Working Plan.
Total ...	74	...	...	...	11	85	Not known.	
			III.—Unclassed Forests.					
Jaunsár	1	...	..	...	...	1	Not known.	The Cantonment blocks at Chakrata.
Dehra Dún	...	...	...	...	13	13	...	Plans not necessary.
Total ...	1	...	..	...	13	14	...	
GRAND TOTAL ...	427	...	297	...	97	821	...	

DATED DEHRA DÚN:
The 16th September 1895.

A. SMYTHIES,
Offg Conservator of Forests, School Circle,
N.-W. P. and Oudh.

[Form No. 51.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

COMMUNICATIONS AND BUILDINGS DURING 1894-95.

Division.	New work undertaken during the year.						Repairs executed during the year.						Remarks.
	Buildings.		Roads and paths.			Total expenditure on new work.	Buildings.		Roads and paths.			Total expenditure on repairs.	
	Description of building.	Expenditure incurred.	Road or path and object of the same.	Length of road or path.	Expenditure incurred.		Nature of repairs.	Expenditure incurred	Nature of repairs.	Length repaired.	Expenditure incurred.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Rs.		M. ch.	Rs.	Rs.		Rs.		Miles.	Rs.	Rs.	
Direction ...	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	Ordinary annual repairs to office buildings and out-houses.	48	*Nil.*	*Nil.*	*Nil.*	48	
	Total, Direction Division	...	...	...	...	...	...	48	...	...	...	48	
Naini Tal...	Airadeo Lodge ...	378 (part cost)	3′ wide path from Bagkhan Gadhera to Kainchi Niglat.	1 40	97		Rerooofing, &c., charcoal godown at Ranikhet.	180	Repairs to Airadeo-Majkhali cart-road.	4	230	2,400	
	Ranger's quarters at China Depôt.	304	5′ wide do. from Kainchi to Compartment 12 Niglat.	1 40	132		Purchase of paint for repairs of various buildings.	170	Repairs to Seoni cart-road.	2	113		
	Chauki at St. Loe Depôt.	198	5′ wide do. from Kalona to Patwadangar.	1 0	158		Ordinary repairs to existing buildings.	393	Railings along Tonnochy-Kilberry road.	...	102		
	Stables and out-houses at Kalona.	428	3′ wide do. up to top of Lariakanta.	...	8		Repairs to fuel depôts	109	Ordinary repairs to existing roads and paths.	241	1,003		
	Temporary forest guard's hut at Bhawali.	24	Niglat parao paths (Hartap and Bagkhan)	...	5				Repairs to bridge at Niglat house.	...	100 (part cost.)		
	Additional room to charcoal godown at Naini Tal.	356	3′ wide do. path from Jhaludeo to Aghangadhera.	0 40	9	3,459							
	Commissariat fuel shed at Naini Tal (enlarged.).	410	3′ wide do. from 56 Dwarson to Majkhali bungalow.	2 40	75								
	Commissariat fuel shed at Ranikhet (enlarged).	422	5′ wide do. fire paths between compartments 1 and 2, 2 and 3 Kaligadh.	3 0	4								
	Stables at Chaubattia (enlarged).	176	Airadeo inspection paths.	6 0	122								
			3′ wide path along lower boundary of Kalimath.	3 0	153								
	Total, Naini Tal Division	2,696	...	19 0	763	3,459	...	852	...	247	1,548	2,400	

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

COMMUNICATIONS AND BUILDINGS DURING 1894-95—*(continued).*

Division.	New work undertaken during the year.						Repairs executed during the year.						Remarks.
	Buildings.		Roads and paths.			Total expenditure on new work.	Buildings.		Roads and paths.			Total expenditure on repairs.	
	Description of building.	Expenditure incurred.	Road or path and object of the same.	Length of road or path.	Expenditure incurred.		Nature of repairs.	Expenditure incurred	Nature of repairs.	Length repaired.	Expenditure incurred		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Rs.		M.	Rs.	Rs.		Rs.		M. ch.	Rs.	Rs.	
Kumaun ...	Out-houses at Shiala completed.	108	4′ path from Fatehpur to Kathgodam.	9	135 (part cost)	1,283	Thatching three rest-houses.	258	Ordinary repairs to existing roads, paths and bridges.		...	5,126	
	Out-houses at Mathia-banj completed.	100	5′ bridle inspection path from Shiala to Jariakhal.	11	719		Ordinary repairs to out houses at Naini Tal.	25	Nandhaur Working Circle		1,784		
	Thatched elephant shed at Horai.	44	4′ path from gadhkhark to Tawsgadh.	4	43		Ordinary repairs to office building and out-houses Haldwani	55	Hill ditto		309		
	Ten grass huts for forest guards.	25	3′ fire path from Salbansi chaur to ridge line-Aonlakhera.	2	22		Ordinary repairs to out-houses at Horai, Chorgalia, Jaula sal and Kaladeo.	136	Sauani ditto		353		
	Ten revenue Depôt huts	62	3′ path to sample plots in Aonlakhera and Chila.	1	9		Ordinary repairs to ranger's quarters at Dechauri.	65	Horai-Lakhmanmandi Working Circle.	601	332		
	...	...	5′ fire path from Ratiuridhar to Topradhar.	1	7		Ordinary repairs to ranger's quarters at Nandhaur.	36	Sarkhet Working Circle.		267		
	...	...	Export path from Tanakpur road to Chini Nadi.	3	9		Flooring office at Naini Tal.	31	Khair ditto		433		
							Purchase of materials (tar, &c) for repairs of buildings.	54	Kalonia ditto		411		
									Jaula—Sal-chandani Working Circle		382		
									Unclassed District ...		295		
									...	...	...	...	
	Total, Kumaun Division	339	...	31	944	1,283	...	660	...	601	4,466	5 126	
				Ch.									
	Rest-house at Kanda (completed).	310	8′ wide road from Durgade to old Dhungalgarh (completed).	...	11		Purchase of materials (iron sheets, nails, screws, panes of glass, &c.) for repairs of various buildings.	484	Improving Phulai road	2 38	804		
	Rest-house at Parewa (completed).	398	6′ wide path from Shikhal to Bhawankhal (completed).	0 52½	125				Widening and improving Goujera-Magnukhal road	1 58	536		
	Forest guards' quarters at Batanbasa.	58 (part cost).	10′ wide export and inspection road from Banjade to Kandasar.	3 10	1,650		Sawing timber for repairs of buildings.	89	Widening bridle road from Bhawankhal to Jalikhan.	0 33	163		
							Lime for repairs of buildings.	84	Widening road from Bhawankhal to upper Bhatoli.	0 18	300		

Garhwál ...	Forest guards quarters at Ratuadhab.	381	10′ wide export and inspection road from Jalikhan to Pathinkhal.	1 69	2,000	7,176	Thatching various buildings.	382	Widening and improving the gradients of road from Gairal to Dhungalgarh.	2 39	550	17,330
	Forest guard's quarters at Lobachaor.	365	6′ wide export and inspection road from Tehra Sot to Sitabani.	1 68	458 (part cost).		Petty repairs to existing buildings.	1,019	Alteration in the Ganjera Magnukhal road.	0 75	969	
	Forest guard's quarters at Bangajalá.	414	...	...	...				Alteration in the road from Kharasot to Machiakhal.	0 10	37	
	Forest guard's quarters at Chimtakhal (completed).	150	...	...	...				Improving the path from Kushkundli to Durgade-chaknakhal road.	1 12	61	
	Ranger's quarters at Kanda (completd).	61	...	..	...				Repairs of 3 small bridges.	...	34	
	Revenue Depôt at Choi Parao.	175	...	...	...				Renewal of a bridge over the Ramgunga river at Jamnaghát	...	312	
	Kitchen at Kálagarh .	250	...	...					Ordinary repairs to Bijnor district roads.	34 0	834	
	Ditto at Ratuadhab	250	...	...	...				Ordinary repairs to all existing roads.	701 27	10,681	
	Stable at Sidhkhal ...	64	...	...	...							
	Ditto at Gairal ...	56	...	...	...							
	Total, Garhwál Division	2,932	...	7	4,244	7,176	...	2,058	...	7 45	15,272	17,330
	Haldupurao rest house	21	2′ path in Kohtri range	2 35	7		Repairs to Chouktam rest-house.	666	Ordinary repairs to all existing road.	563 0	4,431	
	Lansdowne ditto ...	1,064	5′ do. in ditto ...	2 56	160		Repairs to Chila rest house.	165				
	Office at Lansdowne ...	1,459	4′ road Gaunjgarh in range.	0 46	95		Flooring Morghati rest-house.	119	...	...	...	
	Chauki at Koluchaor...	21	New work in a path (Palain range).	...	4		Thatching ditto rest-house.	70	...	...	...	6,209
	Do. at Dhimki ...	21	Baryon road (Lansdowne range).	0 77	194		Thatching Mota Sal Chauki.	28	...	...	...	
	Do. at Barkhet ...	78	Path to Lansdowne house.	0 9	24		Petty repairs to all existing buildings.	635	...	...	...	
	Do. at Halduparao	80	Lani path (compartment 6	...	3		Pay of chaukidars. ...	95	...	...	...	
	Do. at Tumaria ...	363	3′ Fuel path from Darikhal through Baryon	1 18	37							
Ganges ...	Stock godown at Kotdwara.	125	5′ compartments 3 and 4. Fuel road from Dhura through Bhankot (compartment 1).	2 31	146	6,805						
	Fuel chaukidar's hut at Lansdowne.	200	4′ ridge path along fire line from Saneh to Laldarwaza.	16 53	313							
	Out-houses at Lansdowne,	1,067	4′ path from Kusamghatti to Paleta.	1 53	33							
	Grass huts for establishment and out-houses.	507	4′ path along fire line from Belmawali Sot to Kangraghatti.	2 63	56							
	... ...		5′ path from Palain to ridge up Sigaddi Dhar.	1 41	23							
	... ...		2′ path along fire line at north of Udepur range.	13 7	19							
	... ...		Short lengths of road near Inspection-houses.	0 49	25							

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

COMMUNICATIONS AND BUILDINGS DURING 1894-95—*(concluded).*

Division.	New work undertaken during the year.						Repairs executed during the year.						Remarks.
	Buildings.		Roads and paths.			Total expenditure on new work.	Buildings.		Roads and paths.			Total expenditure on repairs.	
	Description of building.	Expenditure incurred.	Road or path and object of the same.	Length of road or path	Expenditure incurred.		Nature of repairs.	Expenditure incurred.	Nature of repairs.	Length repaired.	Expenditure incurred		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Rs.		Miles	Rs	Rs.		Rs.		Miles.	Rs.	Rs.	
Ganges—*(concluded)*	...	...	Diversion Ghasi Ram Sot road.	...	8								
	...	...	Cutting at Deblighatti	...	54								
	...	...	Aligning roads ...	...	16								
	...	...	Masonry culvert of Laldhang Peli road.	...	38								
	...	...	5′ Masonary and timber bridges in Kohtri road.	...	355								
	...	...	4′ Ditto in Kansur road.	...	189								
	Total, Ganges Division	5,046		47	1,799	6,805		1,778		563	4,431	6,209	
Bundelkhand	Chauri rest-house ...	2,355	*Nil* ...	*Nil.*	*Nil.*	2,473	Thatching and repairs to office building.	18	Repairs to roads in Jhansi range.	27	104	1,034	
	Huts in Banda range ...	12	... ...	...	...		Repairs to Dhukwan bungalow.	13	,, in Lalitpur range.	38	200		
	Do. at Tukra Jhánsi.	15	......	...	...		Repairs to Jhánsi depôt	8	,, in Banda range	52	310		
	Out-houses at Dhukwan.	91	.....	...	...		,, to Kachneh Mahal.	23	.....	...	...		
	... ...	...	.....	...	...	...	,, to Chaukis in Jhánsi range.	20	.....	...	...		
	.....	...	.....	...	...	...	,, to Lalitpur depôt.	22	.....	...	...		
	.....	...	.....	...	...	...	,, to Morari bungalow.	14	.....	...	...		
	.....	...	.....	...	...	...	,, to Deogarh bungalow.	22	.....	...	...		
	.....	...	.....	...	...	...	,, to Chaukis in Lalitpur range	48	... ...	...	...		
	... ..	...	.....	...	...	...	,, to Manikpur bungalow.	232	.....	...	...		
	Total, Bundelkhand Division.	2,473	...	...	...	2,473	.....	420	.....	117	614	1,034	
	Total, Central Circle ...	13,446	.....	104	7,750	21,196	.....	5,816	.....	2,279	26,331	32,147	
	Oudh Circle ...	23,563	.....	114	7,540	31,103	.....	6,553	.....	1,067	11,210	17,763	
	School Circle ...	5,634	.....	33	4,453	10,087	.....	3,564	.....	599	7,437	11,001	
	GRAND TOTAL, PROVINCE	42,643	.....	251	19,743	62,386	.....	15,933	.....	3,939	44,978	60,911	

NAINI TAL:
The 19th September 1895.

E. P. DANSEY,
Conservator of Forests, Central Circle, N.-W. P. and Oudh.

[Form No. 51.

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

COMMUNICATIONS AND BUILDINGS DURING 1894-95.

Division	New work undertaken during the year.						Repairs executed during the year.						Remarks.
	Buildings		Roads and Paths.			Total Expenditure on new work.	Buildings.		Roads and Paths.			Total Expenditure on repairs.	
	Description of Building.	Expenditure incurred.	Road or path and object of the same.	Length of Road or Path.	Expenditure incurred.		Nature of repairs.	Expenditure incurred.	Nature of Repairs	Length repaired.	Expenditure incurred		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Rs.		M.	Rs.	Rs.		Rs.		M.	Rs	Rs	
Pilibhit.	Second class rest house Mahofe.	1,800	Eight feet broad path from Jhula Dhaya to Rankot	10—6	32		Annual repairs of existing rest-houses and outhouses.	152	Dagbailing 15 feet broad divisional road	7—0	16		
	Chauki at Garha ..	80					Do of Chaukies ..	28	Annual repairs of 15 feet broad roads.	119—4	502		
	Do at Mathna ..	80					Re-thatching Mahofe 3rd class, rest-house.	177	Do. of 10 feet do.	4—3	22		
	Do at Malasi ..	160					Do. Burgad do. ..	101	Do. of 8 feet do.	32—6	76		
							Do. Barahi do ...	110	Do of bridges ...	...	22		
							Do, Haripur do. ...	119					
							Do. Nawadia do. ...	69					
							Repairing and re-roofing the Mustafabad out houses.	250					
							Do. verandah of Burgad rest-house	182					
							Construction of sal frames for the Mustafabad 1st class rest house.	82					
	Total .	2,120		10—6	32			1,270		163—5	638	1,908	
Kheri.	Divisional office, Lakhimpur	48	Masan Khamb road.										
	Forest bungalow, Lakhimpur	1,847	Bajahi bridge ...	...	485								
	Bath room added to Forest bungalow	185	Sohela ...	...	63		Repairing and white washing	...	Repairing Roads ...	292	1,983		
	New staircase to verandah to above	45	Pasiapur ..	...	934				„ Bridges ...	...	165		
			Bharcuta culvert ...	...	140		Sathiana and Bankatti rest-house.	53	Up-keep of bridges ...	...	2,675		
							New rest house Dudua, Old do. do. Divisional office ... Registrars house ... Dispensary ... Sonaripur rest house ...	156					

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

COMMUNICATIONS AND BUILDINGS DURING 1894-95.

Division.	New work undertaken during the year.						Repairs executed during the year.						Remarks.
	Buildings.		Road and paths.			Total Expenditure on new work.	Buildings.		Roads and paths.			Total Expenditure on repairs.	
	Description of Buildings.	Expenditure incurred.	Roads or path and object of the same	Length of road or path.	Expenditure incurred.		Nature of repairs.	Expenditure incurred.	Nature of repairs.	Length repaired.	Expenditure incurred.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Rs		Miles. M. F.	Rs.	Rs.		Rs.		Miles.	Rs.	Rs.	
Kheri—(*concluded.*)	Chandan chauki out houses	17					Salukapur rest-house ...	81					
	Rangers' quarters at Khairigarh.	16					Bilrayan do. ...						
	Bricks ...	354					Fort do. ...						
	Mailaini rest-house ...	2,192					Changanala do ..						
	Do. stable ...	257					Chandan chauki rest-house.						
	Do. cook-house ...	299					Mailani rest house ...	160					
	Bhira bungalow ...	1,008					Kishenpur do. ..						
	Re-thatching Moraina rest-house.	284					Bhira do. ...						
	Bricks ...	1,478					Gola do. ...						
	Timber for Mahofe rest-house.	161					Madha do. ...						
							Paluapur do. ...						
							Mailani chauki ...						
							Thatching for establishment	47					
							Establishment on maintenance.	417					
	Total ...	8,191			1,622	9,813	Total ...	914		292	4,823	5,737	
Bahraich ...	Second class rest house and out house at Kakarha.	735	Road from Kataniaghat to Amba.	4—2	311		Whitewashing, oiling and miscellaneous repairs of buildings in the Motipur range.	323	Clearing grass over roads and ditching in Motipur range.	120	1,644		
	Second class rest-house and out house at Kataniaghat.	275	Road from Bishenpur to Fakirpur.	1—4			Whitewashing, oiling and miscellaneous repairs of Bahraich rest-house.	530	Clearing grass over roads and ditching in Chakia Charda range.	41	370		
	Second class rest-house at Kakardari.	903	Road from Terhi to Rampurwa.	3—0			Whitewashing, oiling and miscellaneous repairs of two buildings in the Chakia Charda range.	56	Clearing grass over roads and ditching in Bhinga range.	110	915		
	Second class rest-house and out houses at Bhartha.	779	Road from Jallea well to Dabra.	3—0					Annual repair of one bridge in the Motipur range.	...	54		
			Road from Bishenpur to Amba.	1—2									

	Rangers' quarters at Nishangara.	105	Road from Motipur to Jarhi bridge.	1—4	31		Whitewashing, oiling and miscellaneous repairs of five buildings in the Bhinga range.	84	Annual repair of seven bridges in the Chakia Charda range.	...	87		(a) Besides this 13¼ miles of 20 feet roads were made in the Chakia Charda range to demarcate the new alignment of the Charda Forests at ½ cost of Rs. 403 charged to AV111a.
	Forest guard's chauki at Nishangara.	25	Construction of Jarhi bridge.	...	525				Annual repair of two bridges in the Bhinga range.	...	20		
	Forest guards chawki at Kakarha.	22	Completion of two bridges over Orai nallah.	...	258		Whitewashing and making railings in the record room of the office building at Bahraich.	10					
	Office building at Bahraich.	2,000	Contruction of Bhada Nalah bridge.	(a)	142								
	Chaprasis' quarters at Bahraich	106					Establishment of maintenance.	250					
	Temporary shed for Forester's office at Bahraich depôt.	15											
	Total ...	4,965	Total ...	14—4	1,267	6,232	Total ...	1,253	Total ...	281	3,090	4,343	
Gonda ...	2nd class rest-house at Pipra.	630	Khabri 20&15 feet broad road.	6 0	193		Usual annual repairs to 5 rest-houses.	274	Repairing roads ...	152 0	804		
	Do. Sarni ...	72	Sukli road N and Mahra to Nepal 15' bread	3 6	125		Usual annual repairs to 5 outhouses.	140	„ Cart tracts ...	71 2	144		
	Do. Birpur ...	763											
	Forest office and Bangalow at Gonda	418	Goras 15 feet broad road.	0 7	7		Usual annual repairs to 2 cook-houses.	2					
	Cook-house at Birpur.	97	Sungarha to Mosi 20'	0 3	11		Usual annual repairs to 2 stables	9					
	Do at Ramgarh	81	Jaljalwan to 50' fire-line 6 broad bridle path.	2 2	12		Usual annual repairs to 2 Rangers' houses.	108					
	Do. at Songarha	30											
	Outhouses at Birpur.	247	Sakra to Ghagrawl 15' broad.	2 6	78		Usual annual repairs to 9 chaukis.	163					
	Ranger's house, Janakpur.	3											
	Forest guards' chowki, Birpur	77	Seria road 15' broad ...	1 7	68		Usual annual repairs to buildings at Bahramghat	46					
			Basmathi 15' do. ...	4 6	55								
	Do. Botehnia ...	190	Road along Gujraha 6' road along Balrampur boundary.	26 7	141		Usual annual repairs to buildings at Tulshipur range.	112					
	Do. Debinagar ...	190											
	Do. Sakra ...	108	Coupe line in Monipur,	5 3	40		Establishment on maintenance.	411					
	Do. Baghdurwa	191	Gouria 15' broad road	3 2	38								
	Do. Narchwa ...	99	20' Jerwa road ...	2 2	12								
	Do. Sarni ...	196	Sujoi road ...	4 1	46								
	Do. Banki ...	9	Barwa to Khairania ...	1 2	11								
	Do. Bankatwa ..	12	Seohli to Barwa ...	1 2	14								
	Office house at Birpur	4	Kanchanpur to Gurni,	0 2	4								
	Janakpur stable ...	9	15 broad road Seohli to Sarni.	2 0	30								
	Ramgarh do. ...	14	Chandanpur to Amsotia.	0 7	10								
			4' foot-path ...	0 1	4								
			6' path in Jerwa block,	1 2	19								
			Bridge over Manwar river.		6								
			Sujoi bridge ...		231								
			Arra to Seohli road ...	1 2	15								
	Total ...	8,440		72 6	1,170	4,611		1,265		223 2	948	2,213	

Form No. 51.

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

COMMUNICATIONS AND BUILDINGS DURING 1894-95.

Division.	New work undertaken during the year.						Repairs executed during the year.						Remarks.
	Buildings.		Roads and Paths.			Total Expenditure on new work.	Buildings.		Roads and Paths.			Total Expenditure on repairs.	
	Description of Building	Expenditure incurred.	Road or path and object of the same.	Length of Road or Path.	Expenditure incurred.		Nature of Repairs	Expenditure incurred.	Nature of Repairs.	Length repaired.	Expenditure incurred.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Rs.		M.	Rs.	Rs.		Rs		M.	Rs.	Rs.	
Gorakhpur.	Double Forest guard's chowki with a room for Ranger in West Lehra	500	Road No. 61, Central road in Tilkonia.	0—6			Annual repairs to rest-houses and out-officers.	1,126	Repairs to road and paths in all ranges	108	1,598		
							Repairs to bridges ...	...		...	113		
							Rest houses and out-houses to chaukis and depôts	16					
	Kitchen at Ramgarh ..	106	Road No. 8, Tikri-Banki.	1- 2	57		Rest depôt in Rapti ...	31					
	Latrine at Gorakhpur,	146	Road No. 25, Surbar Lachmipur road.	7—1	3,100		Do on Gandak,	28					
	Headquarters bungalow.	1,380	Road No 6, Keolapur-Lachmipur road.	3—0	148		Establishment on maintenance.	593					
	Jagpur rest house ...	1,868	Road No. 8, separating compartment 19 and 20.	1—3	71								
	Double Forest guard's chowki with a room for Ranger at Daibhar.	500	Road No. 10, Nichlaul to Eastern boundary of Arazi Tulshi Ram.	2—0	12								
	Kitchen at Sakhuoi ...	264	Road No. 4, Madhunla-Lachmipur road.	0—4	60								
	Temporary chappers ...	83											
	Total ...	4,847		16	3,448	8,295		1,794		108	1,711	3,505	
		...		...	...	...	Chaukidár at Lucknow office.	56					
Direction Division.		..		...	...	...	Repairs	1					
	Total ...	...		...	..	...		57		...	...	57	
	GRAND TOTAL ...	23,563		114	7,540	31,103		6,553		10677	11,210	17,763	

DATED NAINI TAL:
The 20th September 1895

J. E CAMPBELL, COLONEL,
Offg. Conservator of Forests, Oudh Circle.

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

COMMUNICATIONS AND BUILDINGS DURING 1894-95.

Division.	New work undertaken during the year.						Repairs executed during the year.						Remarks.
	Buildings.		Roads and Paths.			Total expenditure on new work.	Buildings.		Roads and Paths.			Total Expenditure on repairs.	
	Description of Building.	Expenditure incurred.	Road or Path and object of the same.	Length of Road or Path.	Expenditure incurred.		Nature of repairs.	Expenditure incurred.	Nature of repairs.	Length repaired	Expenditure incurred		
1	2	2	4	5	6	7	8	9	10	11	12	13	14
		Miles		Rs.	Rs.	Rs.		Rs.		Miles	Rs.	Rs.	
Direction ...	Nil.	...	Nil.	...	...	..	Nil	...	Nil.				
Dehra Dún,	Re-roofing Maidan bungalow (part).	6 0	Lakarghat cart road 18	3	276	...	Repairs to Rampur Mandi rest house.	76	Clearing grass, ordinary repairs to 16'-10' roads.	337	2,133	...	
	Range quarters at Dharmawala (completed).	446	Algoha cart road 16'..	1	234	...	Repairs to Lachiwala Bungalow.	30	Clearing grass, ordinary Repairs to 6'-4' path.	77	326	...	
	Cook house at Kansrau,	173	Maidan bungalow road 10'.	...	138	...	Repairs to Kansrau hut	12					
	Kaluwala chauki ..	320	Barwala cart road 20'...	2	326	...	Repairs to Thano hut,	10					
	Ladwakot chauki ...	197	Ramgarh cart road 15',	1	35	...	Repairs to Parduni bungalow.	30					
	Bibiwala chauki ...	550	Lachiwala coppice line 10'.	...	23	...	Ordinary repairs to Range quarters, Forest chaukies, etc.	1,022					
	Chandpur chauki (part)	33	Karwapani bungalow road 10'.	...	24	...							
	Khairi chauki (part)	83	Watershed path in Ramgarh 4'.	2	293	...							
	Lalta Raú depôt chauki.	25	Wooden bridge on Amsot Khala in Malhan.	...	72	...							
	Elephant sheds at Ramgarh and Lachiwála.	88											
	Mali's house at Ramgarh.	34											
	Total ...	2,549		9	1,221	3,770		1,180		414	2,459	3,639	

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

COMMUNICATIONS AND BUILDINGS DURING 1894-95—(*concluded*).

Division.	New work undertaken during the year.						Repairs executed during the year.						Remarks.
	Buildings.		Roads and Paths.			Total Expenditure on new work.	Buildings		Roads and Paths.			Total Expenditure on repairs.	
	Description of Building.	Expenditure incurred.	Road or Path and object of the same.	Length of Road or Path.	Expenditure incurred.		Name of repairs.	Expenditure incurred.	Name of repairs.	Length repaired.	Expenditure incurred		
1	2	2	4	5	6	7	8	9	10	11	12	13	14
Saháranpur	Ranipur Bungalow ..	1,221	Amsot path ...	1	16	...	Repairs to Kasumri rest house.	100	Repairs to Hardwar-Khara road, cutting grass, filling pits, &c. ...	51	508	...	
	Forester's house at Mohand.	150	Kasumri path ...	1	30	...	Repairs to Dholkhand rest house.	60					
	Khara chauki (completed).	187	Ranipur bungalow road,	...	33	...	Repairs to Beribara rest house.	16	Repairs to other roads and paths.	56	311	...	
	Bam chauki (completed),	143					Repairs to Pathri rest house.	8					
	Sahansra chauki (completed).	381					Ordinary repairs to range quarters, chaukies, etc.	487					
	Chillawala chauki (completed),	375					Chaukidar for Kasumri rest house.	71					
	Total ...	2,457	...	2	79	2,536	...	737	...	107	819	1,556	
Jaunsar ...	Pajidhar inspection hut.	435	Bamsu sledge road ...	...	606	...	Repairs of Deota bungalow and kitchen.	226	Repairs to lower Mohna road.	4	225	...	
	Depôt keeper's house, Chakrata.	112	Inspection path, Kathian to Thadiar viâ Molta.	11	913	...	Repairs to chauki at Morrows neck.	213	Repairs of Chakráta Simla road.	40	543	...	
	Forest Guard's chauki, Bamsu.	55	Sleeper paths in Bamsu,	5	120	...	Repairs of Kathian chauki.	98	Repairs of Pabar road	5	493	...	
	Other petty buildings,	26	Bagora inspection path,	3	52	...	Repairs of Dharagadh chauki.	52	Repairs of Dharmigadh Deota road.	10	109	...	
			Sleeper path in Dadi Forest.	2	77	...	Ordinary repairs to existing buildings.	1,058	Repairs of Mundali-Kathian path.	5	78	...	
			Matari path ...	1	59	...	...	...	Repairs of Khunigadh-Naintwar path.	14	120	...	

		Reconstruction of Naintwar bridge (balance).	...	230	...		Repairs and improvement of the Bamsu sledge road.	...	529	...	
		Reconstruction of Arakot bridge (balance).	...	94	...		Ordinary repairs to existing roads and paths.	...	2,062	...	
		Construction of Naintwar suspension bridge (part).	...	1,002	...						
Total ...	628	...	22	3,153	3,781	1,647		78	4,159	5,806	
Total for the Circle ...	5,634	...	33	4,453	10,087	3,564		599	7,437	11,001	

DATED DEHRA DÚN;
The 16th September 1895.

A. SMYTHIES,
Offg Conservator of Forests, School Circle,
N.-W. P. and Oudh.

[Form No. 52.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

REGISTER OF BREACHES OF FOREST RULES DURING 1894-95.

Forest Division.		Cases pending from 1893-94.	New cases of the year.						Disposed of during the year.						Cases pending at close of year.	Remarks.
			Injury to forest by fire.	Unauthorised felling or appropriation of wood and minor forest produce.	Grazing without permission, or in tracts in which grazing is prohibited.	Other offences.	Total new cases of the year.	Total cases.	Convictions.		Acquittals.		Total.			
									Cases.	Persons.	Cases.	Persons.	Cases.	Persons.		
Naini Tal	A	8	...	1	...	...	1	9	7	10	2	3	9	13	...	
	B	8	6	99	34	1	140	148	148	376	...	...	148	376	...	
	C.	...	...	...	.	.	.	.	...	...	...	...	..	...	...	
Total ...		16	6	100	34	1	141	157	155	386	2	3	157	389	...	
Kumaun	A	...	...	3	...	..	3	3	3	3	..	...	3	3	...	
	B	...	...	32	1	...	33	33	28	58	.	...	28	68	5	
	C	...	...	...	...	..	...	...	..	..	. .	...	...	...	...	
Total ...		.	..	35	1		36	36	31	61	...	...	31	61	5	
Garhwál	A.	...	...	2	...	...	2	2	1	1	...	...	1	1	1	
	B.	...	3	89	...	6	98	98	98	144	...	...	98	144	...	
	C.	..	...	...	..	.	.	...	...	...	...	.	...	.	...	
Total ...		..	3	91	..	6	100	100	99	145	..	...	99	145	1	
Ganges	A.	...	...	...	...	2	2	2	2	5	...	..	2	5	...	
	B	10	1	55	2	2	60	70	69	120	.	...	69	120	1	
	C.	..	...	...	.	...	..	..	...	...	...	...	...	...	...	
Total ...		10	1	55	2	4	62	72	71	125		..	71	125	1	
Bundelkhand	A.	..	...	28	1	3	32	32	26	47	6	12	32	59	...	
	B	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	C.	...	...	...	...	...	...	..		. .	...	...	..	..	...	
Total .		.		28	1	3	32	32	26	47	6	12	32	59	...	
Total, Central Circle ...	A	8	...	34	1	5	40	48	39	66	8	15	47	81	1	
	B.	18	10	275	37	9	331	349	343	698	...	...	343	698	6	
	C.	...	...	...	...	...	..	.	...	.	..	...	..	...	...	
Oudh Circle ...	A.	4	6	39	14	5	64	68	53	118	13	44	66	162	2	
	B.	12	1	27	58	9	95	107	85	200	...	...	85	200	15	
	C.	.	...	...	...	...	...	.	...	..	...	..	...	...	...	
School Circle ..	A	...	2	8	...	6	16	16	12	17	3	5	15	22	1	
	B.	...	4	54	33	15	106	106	102	250	..	...	102	250	...	
	C.	...		.	...	2	2	2	...	..	.	...	...	..	2	
GRAND TOTAL, PROVINCE ..	A.	12	8	81	15	16	120	132	104	201	24	64	128	265	4	
	B.	30	15	356	128	33	532	562	530	1,148	...	...	530	1,148	21	
	C.	...	..	...		2	2	2	...	..	...	...	...	...	2	

NAINI TAL:
The 19th September 1895.

N. B.—A means cases taken into Court.
B means cases disposed of under section 67 of Indian Forest Act, 1878.
C means undetected cases.

E P. DANSEY,
Conservator of Forests, Central Circle,
N.-W. P. and Oudh.

[Form No 52.

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

REGISTER OF BREACHES OF FOREST RULES DURING 1894-95.

Forest Divison		Cases pending from 1893-94.	New cases of the year.					Total cases.	Disposed of during the year.						Cases pending at close of year.	Remarks.
			Injury to forest by fire.	Unauthorised felling or appropriation of wood and minor forest produce.	Grazing without permission, or in tracts in which grazing is prohibited.	Other offences.	Total new cases of the year.		Convictions.		Acquittals.		Total.			
									Cases.	Persons.	Cases.	Persons.	Cases.	Persons.		
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Pilibhit	A.	1	2	5	...	...	7	8	3	5	4	18	7	23	1	
	B.	..	1	5	...	...	6	6	6	10	...	...	6	10	...	
	C.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Kheri	A.	...	1	8	7	2	18	18	16	20	2	8	18	28	...	
	B	...	...	3	2	1	6	6	6	14	...	...	6	14	...	
	C	...	...	...	...	...	...	.	...	..	...		...	...	..	
Bahraich	A.	...	...	19	7	1	27	27	25	82	2	12	27	94	...	
	B.	..	...	9	1	...	10	10	10	43	.	...	10	43	..	
	C.	...	...	...	...	...	...	...	...	...	...	...	..	...	...	
Gonda	A.	1	3	...	...	...	3	4	3	5	1	2	4	7	...	
	B.	...	...	8	21	6	35	35	34	61	...	...	34	61	...	
	C.	...	...	...	...	...	...	...	...	...	..	...	...	...	...	
Gorakhpur	A.	2	...	7	...	2	9	11	6	6	4	4	10	10	1	
	B.	12	...	2	34	2	38	50	29	72	...	...	29	72	15	
	C.	.	...	...	...	...	...	...	...	..	...	...	...	.	...	
Grand total	A.	4	6	39	14	5	64	68	53	118	13	44	66	162	2	
	B.	12	1	27	58	9	95	107	85	200	...	...	85	200	15	
	C.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

N B.—A means cases taken into Court.
B means cases disposed of under section 67 of the Indian Forest Act, 1878.
C means undetected cases.

DATED NAINI TAL:
The 20th September 1895.

J. E CAMPBELL, COL.,
Offg. Conservator of Forests, Oudh Circle.

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

REGISTER OF BREACHES OF FOREST RULES DURING 1894-95.

[Form No. 52.

Forest Division.		Cases pending from 1893-94.	New cases of the year.					Total Cases.	Disposed of during the year.						Cases pending at close of year.	Remarks.
			Injury to forest by fire.	Unauthorised felling or appropriation of wood and minor forest produce	Grazing without permission, or in tracts in which grazing is prohibited.	Other offences	Total new cases of the year.		Convictions.		Acquittals.		Total.			
									Cases.	Persons	Cases.	Persons	Cases.	Persons		
Dehra Dún	A. ...	...	...	3	...	1	4	4	2	2	1	3	3	5	1	
	B. ...	...	1	27	18	1	47	47	43	128	...	...	43	128	...	Four cases acquitted.
	C. ...	...	...	...	...	1	1	1	...	...	...	...	...	...	1	Theft of revenue from Kharkhari chauki.
Total ...		...	1	30	18	3	52	52	45	130	1	3	46	133	2	
Sahâranpur... ...	A. ...	...	2	5	...	5	12	12	10	15	2	2	12	17	..	
	B. ...	...	2	16	13	2	33	33	33	80	...	...	33	80	...	
	C. ...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	
Total ...		...	4	21	13	7	45	45	43	95	2	2	45	97	..	
Jaunsar	A. ...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	
	B. ...	...	1	11	2	12	26	26	26	42	...	...	26	42	...	
	C. ...	...	...	...	...	1	1	1	..	...	...	...	...	...	1	Theft of Deoban Range cash box Thief not detected.
Total ...		...	1	11	2	13	27	27	26	42	...	...	26	42	1	
Grand Total ...	A. ...	...	2	8	...	6	16	16	12	17	3	5	15	22	1	
	B. ...	...	4	54	33	15	106	106	102	250	...	...	102	250	...	
	C. ...	...	...	...	...	2	2	2	...	...	..	...	...	...	2	

Dated Dehra Dún:
The 16th September 1895.

N. B.—A. means cases taken into Court.
B. means cases disposed of under section 67 of Indian Forest Act, 1878.
C. means undetected cases.

A. SMYTHIES,
Offg. Conservator of Forests, School Circle,
N.-W. P. and Oudh.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH WESTERN PROVINCES AND OUDH.

AREA OF FOREST TRACTS PROTECTED FROM FIRE DURING THE YEAR 1894-95.

Division.	Forest tracts.	Year in which protection commenced.	Area protected during 1893 94.	Area attempted to be protected.	Failures.	Area actually protected	Cost.	Remarks.
			Acres.	Acres.	Acres.	Acres.	Rs.	
Naini Tal Division — Naini Tal Sub-division	Naini Tal protected forests	1876	19,383	19,441	30	19,411	448	
	Ditto reserve ditto	1886	14,247	14,520	178	14,342	521	
	Gagar Ninglat reserve	1888	10,791	11,877	90	11,787		
	Dolmar Mora ditto	1891 & 1892	4,086	4,086	...	4,086	69	
	Total ...	...	48,507	49,924	298	49,626	1,038	
Naini Tal Division — Ramkhet Sub division	Ránikhet reserve	1874 & 1893	5,076	5,076	9	5,067	814	
	Padholi protected forest	1882 & 1893	920	920	...	920		
	Chaubattia ditto	1892	1,181	1,208	..	1,208		
	Kaichuli ditto	1885	213	213	...	213		
	Ganiadeoli ditto	1878	889	889	15	874		
	Kathallekh ditto	1878	1,812	1,812	...	1,812		
	Sinni ditto	1880	4,414	4,432	...	4,432		
	Sinn ditto	1885	700	700	...	700		
	Dwarson ditto	1888	1,519	1,519	...	1,519		
	Bellekh ditto	1888	942	942	...	942		
	Bhatronj ditto	1888 & 1893	1,230	1,238	...	1,238		
	Chilianao ditto	1884	620	630	...	630		
	Airadeo ditto	1891	8,365	16,757	10	16,747		
	Siahidevi ditto	1888 & 1893	2,064	2,064	...	2,064		
	Machor ditto	1888	146	146	...	146		
	Total ...	...	30,091	38,546	34	38,512	814	
	Total, Naini Tal Division ...	...	78,598	88,470	332	88,138	1,852	
	Dechauri Range.							
Kumaun	Sanani	1890	2,513	2,513	...	2,513	702	
	Kalianpur	1891	2,738	2,738	...	2,738		
	Dhamola	1891	1,656	1,656	..	1,656		
	Narni (north part of)	1893	4,339	5 709	..	5,709		
	Deigaon	1893	2,004	3,679	...	3,679		
	Kálidhúngi	1894	2,845	2,860	...	2,860		
	Pawalgarh	1894	2,326	2,323	...	2,323		
	Chunakhan	1894	3,239	3,239	...	3,239		
	Musabangar	1894	5,286	5,286	...	5,286		
	Dechauri	1895	...	3,201	...	3,201		

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

AREA OF FOREST TRACTS PROTECTED FROM FIRE DURING THE YEAR 1894-95—*(continued)*.

Division	Forest tracts.	Year in which protection commenced.	Area protected during 1893-94.	Area attempted to be protected.	Failures.	Area actually protected	Cost.	Remarks.
			Acres	Acres.	Acres.	Acres.	Rs.	
	Fatehpur Range.							
	Bhakra	1888	2,331	2 331	...	2,331		
	Mowa	1890	4,686	4,686	...	4,686		
	Fatehpur	1894	4,095	4,093	...	4,095	234	
	Beluta	1894	2 818	2,818	...	2,818		
	Kathgodám (west part of)	1894	1,685	1,685	...	1,685		
	Ditto (east ditto)	1895	...	2,720	...	2,720		
	Chakhata Range.							
	Horai (east part)	1876						
	Do. (west do)	1890	3,969	3,969	...	3,969		
	Do.	1894						
	Lakhmanmaadi (east of Bargaraula) ...	1883						
	Ditto (Sanman thapla)	1888	2,176	2,176	...	2,176		
	Ditto (west of Bangaraula) .	1890						
	Jampokhra (east of Jam Ran)	1890	2,724	2,724	...	2,724	1,038	
	Ditto (west of ditto)	1891						
	Patrani	1890	2 918	2,918	...	2,918		
	Asni	1890	2 530	2,530	...	2,530		
	Garkharak	1894	3,120	3,120	...	3,120		
	Ranghát	1895	...	4,229	...	4,229		
	Horai, south	1895	...	370	...	370		
	Nandhaur Range.							
	Silani	1882	1,808	1,808	...	1,808		
	Khonani, south	1882	1,558	1,558	...	1,558		
	Ditto, north	1883	1,560	1,560	...	1,560		
	Bhalsani	1883	1,287	1,287	...	1,287		
	Aonla Khera, north	1883	1,711	1,711	...	1,711		
	Ditto, south	1883	1,502	1,502	...	1,502		
	Rata Rau	1884	868	868	...	868		
	Gaunna Rau	1887	2,165	2,165	...	2,165		
	Chela	1887	2,088	2,088	...	2,088		
	Kholgarh, south	1887	2,963	2,963	...	2,963	1,311	
	Ditto, north	1887	2,798	2,798	...	2,798		
	Durgapipal (most of)	1888	2,096	2,096	...	2,096		
	Ditto (compartments 9, 10, and 11) ...	1889						
	Sunkheri	1889	1,033	1,033	...	1,033		
	Balot, south	1889	1,109	1,109	...	1,109		
	Do , north	1889	2,135	2,135	...	2,135		
	Karakot	1890	4,690	4,690	...	4,690		
Kumaun—*(concluded)* ...	Lowarnala (south-east part of)	1893	1,164	1,164	...	1,164		
	Uparla Gaunna Rau	1894	748	748	...	748		

	Jaula Sál Range.								
	Jaula sál, east and west		1876	7,492	7,592	...	7,592		
	Sudlimat		1890	4,295	4,305	...	4,305		
	Bhurgot		1890	5,453	5,473	...	5,473		
	Birgot		1890	4,078	4,078	...	4,078		
	Chamuadhunga		1890	4,759	4,759	...	4,759	1,269	
	Chungadh		1890	5,445	5,445	...	5,445		
	Hatgadh	1890 &	1892	3,614	3,614	...	3,614		
	Ditto (south part)		1894	550	550	...	550		
	Hanspur (Coupe I)		1895	...	100	...	100		
	Sára Naddi Range.								
	Sára, north (west of Patkholi line) ...		1889						
	Ditto (west of Dharapáni) ...		1890	5,377	5,377	...	5,377		
	Ditto (remainder)		1891					257	
	Sára, south (west of Patkholi line) ...		1889						
	Ditto (remainder)		1890	2,913	2,913	...	2,913		
	Katol		1890	1,366	1,366	...	1,366		
	Dogari Range.								
	Dulagadh		1887	5,376	5,376	...	5,376		
	Laibar		1890	8,117	8,117	...	8,117		
	Kumia		1890	5,645	5,645	...	5,645	897	
	Kalonia east		1892	2,867	2,867	...	2,867		
	Ditto (small portion)		1893						
	Kolania, west		1890	2,198	2,198	...	2,198		
	Sarda Range.								
	Chandni		1876	403	403	11	392		
	Naghan		1890	3,607	3,607	...	3,607		
	Jariakhal		1890	1,364	2,579	...	2,579		
	Guliapáni, north (north-east half)		1891	1,974	1,974	360	1,614	684	
	Ditto (remainder)		1893						
	Chini (part taken over Kakrali plains) ...		1891						
	Do.		1892	8,552	8,552	...	8,552		
	Chini (north-east corner)		1894						
	Bastia, south		1892	1,303	1,303	...	1,303		
	Total, Kumaun Division ...	...		179,421	195,046	371	194,675	6,392	
Garhwál	North Patli Dún (part of Patli Dún forest block No. II).		1878	45,692	45,692	...	45,692	1,906	
	Ditto Mandhal block ...	1893 &	1894	1,722	1,722	...	1,722	71	
	Ditto Jaunn and Kartia block ...		1895	...	1,100	...	1,100	45	
	Ditto Natha Dhurgaon block ...	1893 &	1894	5,943	5,943	...	5,943	226	
	Ditto Ghultal Khal and Dhauntial block.		1895	...	3,400	...	3,400	140	
	South Patli Dún (part of Patli Dún forest block No. II).		1873	24,588	24,588	15	24,573	1,872	
	Garhibulchand (part of forest block No. VII) ...		1877	8,996	8,996	...	8,996	769	
	Rehar (part of Rehar forest block No. VIII) ...		1881	11,311	11,531	...	11,531	902	
	Chilkia (part of Chilkia forest block No. IV) ...		1874	50,620	50,620	...	50,620	1,765	
	Kotah (part of Kotah forest block No. V) ...		1877	32,638	36,178	...	36,178	1,178	
	Kailkhur (part of Dabka forest block No. VI) ...		1888	4,104	4,104	...	4,104	134	
	Kota Debipura block		1895	...	165	115	1,100	37	
	Kota Rampur Chaitan block		1895	...	1,050				
	Total, Garhwál Division ...	...		185,614	195,089	130	194,959	9,045	

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FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

AREA OF FOREST TRACTS PROTECTED FROM FIRE DURING THE YEAR 1894-95—*(continued)*.

Division.	Forest tracts.	Year in which protection commenced.	Area protected during 1893-94.	Area attempted to be protected.	Failures.	Area actually protected.	Cost.	Remarks.
			Acres.	Acres.	Acres.	Acres.	Rs.	
	Gori Range.							
Ganges	Kunaon, compartments 1 to 7	1887	6,615	8,040	...	8,040	715	
	Kaurrachaur, ditto 1 and 2 ...	1881	2,169	2,169	...	2,169		
	Udher Majhera, ditto 1 and 2 ...	1881	1,412	1,412	...	1,412		
	Dogadda, ditto 1, 2, and 3 ...	1881	2,724	2,724	...	2,724		
	Ditto, ditto 5 (part of) ...	1893	838	838	...	838		
	Ditto, ditto 4 (part of) ...	1895	...	354	...	354		
	Jogichaur, ...	1881	671	671	...	671		
	Mandhal, ditto 2 to 10... ...	1881	8,043	8,043	...	8,043		
	Ditto, ditto 1	1895	...	1,032	...	1,032		
	Amgaddi, ditto 2 (part of) ...	1895	...	486	...	486		
	Chandi Range.							
	Hazara, compartments 1 and 2	1881 & 1889	2,342	2,342	...	2,342	519	
	Chandi (part of)	1895	...	3,142	...	3,142		
	Khara block	1895	...	4,855	...	4,855		
	Luni, compartments 1, 2, 3, 4, 7, 8, 9, 10, and 11 (parts)	1890 & 1892	7,675	7,675	...	7,675		
	Luni, compartments 5 and 6 (parts of), 10 and 11 (remainder).	1895	...	807	...	807		
	Nalonwála (part called Kákrad)	1895	...	700	...	700		
	Udepur Range.							
	Rawasan, compartments 6 (part) and 7 ...	1890	1,291	1,291	...	1,291	856	
	Ditto, ditto 5 (part)	1892	291	351	...	351		
	Ditto, ditto 1 and 2	1893	1,302	1,302	25	1,277		
	Ditto, ditto 4, 3, and 5 (parts), and 6 (remainder).	1895	...	1,724	...	1,724		
	Sukrao, compartments 1 and 2	1882	1,112	1,112	...	1,112		
	Laldhang ditto 1 to 5 (parts of) ..	1895	...	1,818	...	1,618		
	Sigaddi, ditto 1, 2, 6 (parts), 7, and 8	1893	3,517	3,517	169	3,348		
	Ditto, ditto 20 and 21... ..	1894	1,861	1,861	...	1,861		
	Ditto, ditto 5 (part), 9 to 12, 16 to 19, and 22 (part).	1895	...	7,860	...	7,860		
	Gwalgarh, compartments 1 to 4 and 5 (part) ...	1887	3,399	3,399	15	3,384		
	Malan, ditto 1 and 2 (parts) ...	1890	1,472	1,472	...	1,472		
	Satti Khala ditto 1 (part) and 2 ...	1895	...	1,153	...	1,153		
	Giwai block	1895	...	1,677	...	1,677		
	Paniali do.	1894	516	516	...	516		
	Lalpáni, south-east	1895	...	286	...	286		

	Kohtri Range.												
	Dabina, compartments 1 to 47, 48 (part), and 49		1886 to 1890	11,032	11,032	...	11,032	}					
	Ditto, ditto	48 (remainder)	1895	...	50	...	50						
	South Kohtri, ditto	16, 18 to 26	1889	3,955	3,955	...	3,955						
	Ditto, ditto	1 to 15 and 17	1896	...	6,498	...	6,498						1,885
	North Kohtri, ditto	1 to 23	1890 & 1892	11,776	11,799	...	11,799						
	Nauri, ditto	1 and 3	1891	979	979	...	979						
	Ditto, dit'o	2	1895	...	390	...	390						
	Chenla, ditto	1 and 2 (parts of)	1891	335	335	...	335						
	Ditto, (remainder)	...	1895	...	169	...	169						
	Sona Nadi Range												
	Shisham Khata	...	1877	3,737	3,875	...	3,875	}					
	North Sona Nadi	...	1880	14,007	18,521	...	13,521						985
	(Laldarwása and Chipligháti)	...											
	Háthi Kund	...	1895	...	6,482				42				
	Mota Sál ...	...	1895	...	6,621	...	6,621						
	Palas Range.												
	Mandalti, compartments 1 to 27	...	1886	8,616	8,616	...	8,616	}					
	Kanaur, ditto	1 to 22	1888	8,637	8,637	...	8,637						
	Tumaria, ditto	1 to 13	1888	4,011	4,011	...	4,011						1,123
	Kugad, ditto	1 to 14	1891	3,480	3,480	...	3,480						
	Bijorghát ...	...	1894	1,090	1,090	...	}						
	Ditto ...	...	1895	...	2,241	...	3,331						
	Lansdowne Range.												
	Lansdowne reserves	...	1894	11,912	13,954	...	13,954						120
	Total, Ganges Division	...	...	130,617	183,364		251			183,113			6,203
	Jhánsi Range and Pargana.												
	Dhukwan and Sukwan blocks	...	1874	2,239	2,239	...	2,239	}					
	Bajna ...	...	1888	539	539	...	539						122
	Remaining forest blocks in Jhánsi pargana.		1886 & 1898	13,196	13,446	...	13		183	12,263			...
	Mau pargana forests	...	1888	6,925	6,925	...	6,925						...
	Garotha ...	...	1888	6,513	6,513	...	6,513						...
	Moth ...	...	1868	1,952	1,962	...	1,952						...
	Lalitpur Range.												
Bundelkhand	Kachnoda forests	...	1888 & 1893	237	237	...	237	}					
	Sairwa ...	...	1888 & 1893	184	184	...	184						
	Deogarh ...	...	1875 & 1892	1,600	1,000	...	1,000						165
	Garauli ...	...	1875	751	751	...	751						
	Talbehat pargana forests	...	1888, 1892, & 1893.	11,921	11,921	...	11,921						
	Bansi forests	...	1886 & 1893	5,535	5,535	...	5,535						...
	Banpur do.	...	1888	4,532	4,532	...	4,532						...
	Balabehat do.	...	1888, 1892, & 1893.	26,459	29,654	...			942	27,712			...
	Mahroni do.	...	1892 & 1893	1,620	1,620	...	358			1,620			...
	Morsura do.	...	1892	27,896	26,668					26,286			...

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

AREA OF FOREST TRACTS PROTECTED FROM FIRE DURING THE YEAR 1894-95—*(concluded)*.

Division.	Forest tracts.	Year in which protection commenced.	Area protected during 1893-94.	Area attempted to be protected.	Failures.	Area actually protected.	Cost.	Remarks.
	Bánda Range.		Acres.	Acres.	Acres.	Acres.	Rs.	
Bundelkhand—*(concluded)* ...	Ránipur	1892	13,641	21,949	504	21,445	655	
	Ránipur Kalianpur	1894	5,729					
	Chauri Donda	1892	13,483	16,516	955	15,561		
	Ditto	1894	1,549					
	Kuluha	1892	5,642	6,182	46	6,136		
	Matdar	1892	6,729	6,729	180	6,549		
	Mánikpur	1892	10,863	11,716	...	11,716		
	Ditto	1894	39					
	Tikaria	1894	11,066	12,362	80	12,282		
	Total, Bundelkhand Division ...	...	179,120	197,170	3,272	193,898	942	
	GRAND TOTAL ...	...	753,570	858,139	4,356	853,783	24,434	
	Total for 1894 ...	...	719,756	792,323	38,753	753,570	23,851	
	Central Circle ...	...	753,570	858,139	4,356	853,783	24,434	
	Oudh ditto ...	...	568,565	611,099	10,237	600,862	19,942	
	School ditto ...	...	408,362	429,881	1,928	427,953	7,760	
	GRAND TOTAL, PROVINCE ...	...	1,730,497	1,899,119	16,521	1,882,598	52,136	

NAINI TAL:
The 19th September 1895.

E. P. DANSEY,
Conservator of Forests, Central Circle, N.-W. P. and Oudh.

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FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

AREA OF FOREST TRACTS PROTECTED FROM FIRE DURING THE YEAR 1894-95.

Division.	Forest Tracts.	Year in which protection commenced.	Area protected during 1893-94.	Area attempted to be protected.	Failures.	Area actually protected.	Cost.	Remarks.
	I.—*Closed Reserves.*		Acres.	Acres.	Acres.	Acres.	Rs.	
Pilibhít	Pilibít	1880	7,404	19,642	461	19,181	...	
	Mainakot	1881	3,183	16,540	...	16,540	...	
	Dhanaraghat	1886	6,224	6,224	...	6,224	...	
	Total ...	...	16,811	*42,406	461	41,945	...	* 130 acres deducted for fire lines.
	II.—*Restricted Reserves.*							
	Pilibhít	1892	8,773	8,823	220	8,603	...	
	The 12 restricted compartments in pargana Paraupur.	1893	13,289	21,555	3,234	18,321	...	
	Total ...	...	22,062	†30,378	3,454	26,924	...	† 44 acres deducted for fire lines.
	GRAND TOTAL ...	...	38,873	72,784	3,915	68,869	1,445	
Kheri	I.—*Area closed to fire and grazing.*							
	Kanjaria	1887-93	17,960	17,970	...	17,970	...	
	Dudua	1872-76 1893	28,230	28,230	...	28,230	...	
	Khairigarh	1880-87 1893	41,551	41,551	...	41,551	...	
	Bhira	1877-85-86 88-90 1893	40,150	43,280	1,188	42,092	...	
	Total ...	...	1,27,891	1,31,031	1,188	1,29,843	...	
	II.—*Area closed to fire alone.*							
	Kanjaria	1891	3,377	3,377	...	3,377	...	Half of the areas in paragraph 18 of the Working Plan entered under grass lands and nalas is estimated to be inside the closed forest and protected from fire.
	Dudua	,,	7,441	7,441	...	7,441	...	
	Khairigarh	,,	7,285	7,285	...	7,285	...	
	Bhira	,,	48,541	50,439	2,785	47,653	...	
	Total ...	...	66,644	68,542	2,785	65,756	...	
	GRAND TOTAL ...	...	1,94,535	1,99,573	3,973	1,95,600	8,217	

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FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

AREA OF FOREST TRACTS PROTECTED FROM FIRE DURING THE YEAR 1894-95—(*continued*).

Division.	Forest Tracts.	Year in which protection commenced.	Area protected during 1893-94.	Area attempted to be protected	Failures.	Area actually protected.	Cost.	Remarks.
	Motipur Range.		Acres.	Acres.	Acres.	Acres.	Rs.	
	Nishangara (closed)	1878	21,120	21,120	...	21,120	...	
	Do. (rest of forest)	„	5,120	5,120	...	5,120	...	
	Dharmanpur (closed)	1885	1,280	1,280	...	1,280	...	
	Do. (open)	„	1,920	1,920	...	1,920	...	
	Do. (rest of forest)	„	4,480	4,480	...	4,480	...	
	Salarpur	„	1,280	1,280	...	1,280	...	
	Murtiha (closed)	„	17,280	17,280	...	17,280	...	
	Bamboos (do.)	1881	640	640	...	640	...	
	Babayi (do.)	1886	3,840	3,840	...	3,840	...	
	Do. (rest of forests)	„	5,760	5,760	...	5,760	...	
	Bardia (open forests)	1887	2,240	2,240	...	2,240	..	
	Total ...	...	64,960	64,960	...	64,960	2,793	
Bahraich	*Chakia Charda Range.*							
	Chakia (closed)	1885	5,120	5,120	...	5,120	...	
	Do. (open)	„	9,590	9,600	...	9,600	...	
	Charda (closed tracts No. I)	„	1,560	1,560	...	1,560	...	
	„ (do. No. II) ...	„	880	880	...	880	...	
	„ (do. No. III) ...	„	400	400	...	400	...	
	„ open forests	„	5,480	5,480	...	5,480	...	
	Total ...	...	23,030	23,040	...	23,040	726	

	Bhinga Range.							
	Kakardari (closed)	1875	22	22	..	22	...	
	Asneria (do.)	„	16	16	...	16	...	
Bahraich	Shadilalganj (compartment No 3) ...	1884	784	784	...	784	...	
	Kakardari (rest of forest)	1877	10,058	10,058	...	10,058	.	
	Bhartha block (compartment (No 3) ...	1884	1 565	1,565	...	1,565	...	
	Do. (rest of forests)	1878	13,795	13,795	.	13 795	..	
	Ponsonbyganj (compartment No 3) ...	1875	1,560	1,560	...	1,560	...	
	Ponsonbyganj (compartment No. 4) ...	1878	1,450	1,450	...	1,450	...	
	Do. (rest of forest) ...	1885	5,025	5,025	...	5,025	..	
	Do. (open forest)	„	4,765	4,765	...	4,765	...	
	Gubbapur (closed)	1886	10,880	10,880	...	10,880	...	
	Do. (open)	„	7,040	7,040	...	7,040		
	Sonpathri (closed)	„	3,200	3,200	...	3,200	...	
	Do. (open) . .	„	9,600	9,600	...	9 600	...	
	Total ...	..	69,760	69,760	...	69,760	1,455	
	GRAND TOTAL ...	...	1,57,750	1,57,760	.	1,57,760	4,974	
	Barehwa Range.							
	Pipra	1880	4,583	4,583	..	4,583	...	
	Khairnian	„	4,724	4,730	..	4,730	...	
	Tikulygarh	„	4,564	4,564	...	4,564	..	
	Rahtawal	„	4,687	4,687	...	4,687	...	
	Barehwa	„	4,143	4,143	200	3,943	.	
	Badwar	„	5,279	5,279	...	5,279	...	
Gonda	Total ...	...	27,980	27,986	200	27,786	301	
	Tulshipur Range.							
	Nand Mahra	1880	3,337	3,337	...	3,337	...	
	Bhainsasur	„	5,647	5,647	...	5,647	...	
	Baghel Khand	„	2,031	2,031	...	2,031	...	
	Odeypur	„	1,748	1,748	...	1,748	...	

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

AREA OF FOREST TRACTS PROTECTED FROM FIRE DURING THE YEAR 1894-95—(*concluded*).

Division.	Forest Tracts.	Year in which protection commenced.	Area protected during 1893-94.	Area attempted to be protected.	Failures.	Area actually protected.	Cost.	Remarks.
			Acres.	Acres.	Acres.	Acres.	Rs.	
Gonda	Newalgarh	1880	3,238	3,238	...	3,238	...	
	Janakpur	„	1,964	1,964	...	1,964	...	
	Jerwa	„	4,451	4,451	...	4,451	...	
	Sungarha	„	4,371	4,371	714	3,657	..	
	Mansarwa	„	2,097	2,097	...	2,097	...	
	Total ...	...	28,884	28,884	714	28,170	446	
	Bhambar Range.							
	Sakra	1888	4,462	4,462	1,160	3,302	„	
	Rajdirwa	„	1,719	1,719	...	1,719	...	
	Bhusahar	„	2,875	2,875	...	2,875	...	
	Chandanpur	„	4,827	4,827	...	4,827	...	
	Nerehwa	„	4,073	4,911	...	4,911	...	
	Birpur	„	3,175	3,175	...	3,175	...	
	Marni	„	3,703	3,703	...	3,703	...	
	Kanchanpur	„	4,051	4,321	...	4,321	...	
	Total ...	...	28,885	29,998	1,160	28,833	1,385	
	Nawabganj Range.							
	Jaipur (Andhawa)	1880	216	216	...	216	...	
	Do. (Bhainsasur)	„	318	318	...	318	...	
	Sambhu Nagar	„	459	459	...	459	...	
	Ramgarh	„	2,939	2,553	17	2,536	...	
	Debinagar	1891		448	...	448	...	
	Janki Nagar	1882		1,279	...	1,279	...	

	Lower Manwar	"	4,340	2,650	...	2,650	...		
	Upper Manwar	"		2,810	...	2,810	...		
	Ashrafabad	1887-91	1,483	1,483	...	1,483	...		
	Total ...	...	9,755	12,216	17	12,199	733		
	GRAND TOTAL ...	...	95,504	99,079	2,091	96,988	2,865		
	Southern Range.								
	Ramgarh	1875	4,614	4,614	...	4,614	...		
	Tilkonia	"	1,857	1,857	...	1,857	...		
	Bhillampur	"	2,133	2,133	...	2,133	...		
	North Banki	"	892	892	...	892	...		
	South Banki	"	1,274	1,274	...	1,274	...		
	Bhari Babban	"	1,884	1,884	...	1,884	...		
	Bhari Baisi	"	4,110	4,110	...	4,110	...		
	West Lehra No. 1	"	11,693	11,693	...	11,693	...		
	Do. No 2	"	497	497	...	497	...		
Gorakhpur	Total ...	...	28,954	28,954	...	28,954	1,196		
	Central Range.								
	Dudhai	1875	9,948	9,948	...	9,948	...		
	East Lehra	"	8,095	8,095	...	8,095	...		
	Total ...	...	18,043	18,043	...	18,043	624		
	Northern Range.								
	Sonari	1875	22,753	22,753	...	22,753	...		
	Nagwa	"	8,578	8,578	...	8,578	...		
	Sakhui Sissu plantation	1886	2,206	2,206	258	1,948	...		
	Aram Tulsi Ram Dubey	1897	1,369	1,369	...	1,369	...		
	Total ...	...	34,906	34,906	258	34,648	621		
	Total Division ...	...	81,903	81,903	258	81,645	4,441		
	GRAND TOTAL ...	...	5,68,565	6,11,099	10,237	6,00,862	19,942		

DATED NAINI TAL:
The 20th September 1895.

J. R. CAMPBELL, COLONEL,
Offg. Conservator of Forest, Oudh Circle.

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH. [Form No. 53.

AREA OF FOREST TRACTS PROTECTED FROM FIRE DURING 1894-95.

Division.	Forest Tracts.	Year in which protection commenced.	Area protected during 1893-94.	Area attempted to be protected.	Failures.	Area actually protected.	Cost.	Remarks.
			Acres.	Acres.	Acres.	Acres.	Rs.	
Dehra Dún	*Jumna Range.*							
	Ambari	1887	4,203	4,203	...	4,203	85	
	Chandpur	1887	2,121	2,251	...	2,251	111	
	Jumna	1886	8,156	8,156	...	8,156	145	
	Timli	1884	19,240	19,240	...	19,240	240	
	Total ...	...	32,720	33,850	...	33,850	581	
	Malhan Range.							
	Dholkot	1884	4,608	4,688	...	4,688	166	
	Sherpur	1884	13,828	13,828	...	13,828	153	
	Chandrabani	1878	7,053	7,053	...	7,053	195	
	Total ...	...	25,489	25,569	...	25,569	514	
	Ramgarh Range.							
	Ramgarh	1878	10,215	10,215	...	10,215	243	
	Bulawala	1872	14,434	14,434	...	14,434	177	
	Total ...	...	24,649	24,649	...	24,649	420	
	Lachiwala Range.							
	Nagsidh	1883	13,523	13,523	5	13,518	254	
	Thano	1877	6,532	6,544	2	6,542	224	
	Malkot	1888	5,641	5,641	...	5,641	336	
	Total .	...	25,696	25,708	7	25,701	814	
	Ganges Range.							
	Kansrau	1878 81	14,600	16,200	2	16,198	553	
	Motichur	1883	10,734	18,960	...	18,960	385	
	Total ...	...	25,334	35,160	2	35,158	938	
	Tirsal Range.							
	Tirsal	1887	13,785	13,836	...	13,836	513	
	Birbhaddar	1888	23	50	...	50	23	
	Total ...	...	13,808	13,886	...	13,886	536	
	Total, Dehra Dún Division ...	...	148,696	158,822	9	158,813	3,803	

			Barkala Range.							
			Khara	1879	9,612	9,612	...	9,612	66	
			Badshahibagh	1885-93	7,730	7,730	...	7,730	89	
			Chapri	,,	3,888	4,051	106	3,945	58	
			Khaironwala	,,	3,130	5,169	...	5,169	30	
			Barkala	,,	6,392	7,218	...	7,218	28	
			Kasumri	,,	3,748	3,754	...	3,754	41	
			Sahanara	,,	6,643	6 643	...	6,643	6	
			Kotri	,,	3,883	3,883	...	3,883	39	
			Total ...	...	45,026	48,060	106	47,954	307	
			Mohand Range.							
			Kaluwala	1885-93	4,434	5,840	...	5,840	41	
			Shâhjahanpur	1887	8,469	9,572	...	9,572	21	
			Khajuawar	,,	8,269	8,392	...	8,392	57	
			Mohand	1884	6,131	6,131	...	6,131	108	
			Lalwala	1884-93	2,761	2,761	6	2,755	65	
			Budhaban	1887-93	3,977	3,981	...	3,981	63	
			Sukh	1884	5,111	5,111	...	5,111	27	
			Total ...		39,152	41,788	6	41,782	382	
			Dholkhand Range.							
144	Sahâranpur	...	...	Chillawâla	1882	7,782	7,782	...	7,782	29
				Gaj	,,	3,578	3,578	...	3,578	11
				Andheri	,,	5,719	5,719	...	5,719	29
				Dholkhand	1880	3,916	3,916	...	3,916	44
				Malowala	,,	2,122	2,122	2	2,120	34
				Bam	,,	3,013	3,013	...	3,013	29
				Betban	1882	6,781	6,781	...	6,781	70
				Gholna	1886	3,746	3,746	...	3,746	47
				Baniawala	1883-93	2,672	2,672	...	2,672	75
				Lakarkot	1879	3,646	3,646	...	3,646	165
				Ganjerban	,,	2,833	2,833	...	2,833	195
				Rasulpur	,,	1,987	1,987	968	1,019	134
				Sendhli	1883	2,560	2,560	196	2,364	142
				Tira	1884	1,791	1,791	621	1,170	79
				Sakrauda	1893	500	500	...	500	68
				Rewards	...	...	...	...	...	125
				Total	...	52,646	52,736	1,787	50,949	1,276
			Ranipur Range.							
			Harnaul	1886	2,035	2,035	...	2,035	31	
			Chirak	,,	2,442	3,860	...	3,860	71	
			Rauli	1879	1,688	3,038	...	3,038	33	
			Ranipur	,,	2,509	4,885	...	4,885	57	
			Maispur	1886	1,265	1,361	...	1,361	73	
			Pathri	1880	81	81	...	81	17	
			Total ...	...	10,020	15,260	...	15,260	282	
			Total, Sahâranpur Division ...	...	146,844	157,844	1,899	155,945	2,247	

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

AREA OF FOREST TRACTS PROTECTED FROM FIRE DURING 1894-95—(*concluded*).

Division.	Forest tracts.	Year in which protection commenced.	Area protected during 1893-94.	Area attemped to be protected.	Failures.	Area actually protected.	Cost.	Remarks.
			Acres.	Acres.	Acres	Acres.	Rs.	
	Deoban Range.							
	Kalsi	1872	4,576	4,576	8	4,568	7	
	Oak forests, south of Chakrata ...	...	775	775	...	775	23	
	Cantonment blocks and Forest Garden ...	1880	525	526	...	526	27	
	Lokandi	1869	6,092	6,094	...	6,094	46	
	Deoban	1872	5,790	5,790	...	5,790	26	
	Ekra	1872	3,525	3,526	..	3,526	24	
	Konain	1872	4,177	4,177	...	4,177	21	
	Karamba	1872	2,050	2,050	...	2,050	6	
	Barasti, Punaha and Kharsi	1892-93	2,256	2,256	...	2,256	35	
	Total ...	..	29,766	29,770	8	29,762	215	
	Bawar Range.							
	Riknargadh	1872	6,774	7,074	12	7,062	199	
	Dharagadh	1872	6,715	6,715	...	6,715	79	
	Dharmigadh	1872	3,375	3,394	...	3,394	139	
	Bastil	1875	1,669	1,669	...	1,669	50	
	Rangwar	1884	109	109	...	109	15	
	Total ...	...	18,642	18,961	12	18,949	482	
Jaunsar	*Deota Range.*							
	Chakrata Working Circle	1879-84	4,087	4,157	...	4,157	338	
	Deota	„	4,937	4,937	...	4,937	122	
	Bamsu	„	2,323	2,323	...	2,323		
	Suras	„	1,191	1,191	...	1,191		
	Datmir	1872	3,433	3,433	...	3,433	14	
	Naiatwar	1885	3,004	3,004	...	3,004	36	

Sahlra	1885	8,359	8,359	...	8,359	32
Noranu	1885	1,580	1,580	...	1,580	
Total ...	...	28,984	28,984	...	28,984	542
Deogarh Range.						
Deogarh	1875-76	5,779	5,779	...	5,779	186
Raiengarh	1880	5,425	5,425	...	5,425	14
Dadi	1880	1,990	1,990	...	1,990	24
Total ...	...	13,194	13,194	...	13,194	224
Kotigadh Range.						
Chansil	1885	14,401	14,401	...	14,401	92
Kotigadh	1879	5,022	5,022	...	5,022	41
Lambatch	1879	2,883	2,883	...	2,883	114
Total ...	...	22,306	22,306	...	22,306	247
Total, Jaunsar Division ...	...	112,822	113,315	20	113,195	1,710
GRAND TOTAL FOR THE CIRCLE ...	...	408,362	429,881	1,928	427,953	7,760

DEHRA DÚN:
Dated the 16th September 1895.

A. SMYTHIES,
Offg. Conservator of Forests, School Circle, N.-W. P. and Oudh.

[Form No. 54.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

AREA CLOSED AND OPEN TO GRAZING DURING 1894-95.

Division.	Area in square miles.					Remarks.
	Closed to all animals.		Closed to browsers (camels, goats or sheep).		Open to all animals.	Total area.	
	Whole year.	Part of year.	Whole year.	Part of year.	Whole year.		
1	2	3	4	5	6	7	8
			Reserved Forests.				
Naini Tal ... Naini Tal Sub-Division ...	5	...	...	...	43	48	
Ránikhet ditto ..	8	...	...	...	...	8	
Kumaun	220	72	...	...	183	475	
Garhwál	284	121	...	...	65	470	
Ganges	184	88	...	...	168	440	
Jhánsi	3	...	45	...	...	48	
Bundelkhand ... Lalitpur	5	...	133	...	...	138	
Bánda	...	...	88	...	...	88	
Total ...	709	281	266	...	459	1,715	
			Protected Forests.				
Naini Tal ... Naini Tal Sub-Division ...	12	...	...	...	18	30	
Ránikhet ditto ...	4	..	...	...	56	60	
Bundelkhand ... Lalitpur	...	...	4	...	...	4	
Total ...	16	...	4	...	74	94	
			Unclassed Forests.				
Bundelkhand ... Bánda	...	...	30	...	...	30	
Total, Central Circle ...	725	281	300	...	533	1,839	
,, Oudh ditto ...	627	40	...	...	576	1,243	
,, School ditto ..	223	72	318	...	208	821	
GRAND TOTAL, PROVINCE ...	1,575	393	618	...	1,317	3,903	

NAINI TAL :
The 19th September 1895.

E. P. DANSEY,
Conservator of Forests, Central Circle, N.-W. P. and Oudh.

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[Form No. 54.]

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

AREA CLOSED AND OPEN TO GRAZING DURING 1894-95.

Division.	Area, in square miles.						Remarks.
	Closed to all animals.		Closed to browsers (camels, goats or sheep).		Open to all animals.	Total area.	
	Whole year.	Part of year.	Whole year.	Part of year.	Whole year.		
1	2	3	4	5	6	7	8
Pilibhit	68	34	...	...	48	150	
Kheri	233	...	...	...	202	435	
Bahraich	128	...	...	...	203	331	
Gonda	76*	...	...	...	79*	155	* 3,282 acres were opened to grazing in the Tulsipur Forests during the year.
Gorakhpur	122	6	...	...	44	172	
Total ...	627	40	...	...	576	1,243	

DATED NAINI TAL :
The 20th September 1895.

J. E. CAMPBELL, COL.,
Offg. Conservator of Forests, Oudh Circle.

[Form No. 54.

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

AREA CLOSED AND OPEN TO GRAZING DURING 1894-95.

Division.	Area, in square miles.						Remarks.
	Closed to all animals.		Closed to browsers (camels, goats or sheep).		Open to all animals.	Total area.	
	Whole year.	Part of year.	Whole year.	Part of year.	Whole year.		
1	2	3	4	5	6	7	8
Reserved Forests.							
Dehra Dún	75	33	148*	...	21	277	* Closed to goats and sheep, except those admitted under the privileged rules.
Sahéranpur	61	39(a)	170	...	25	295	(a) Closed from 1st March to beginning of the rains.
Jaunsar	60	...	...	...	90	150	
Total ...	196	72	318	...	136	722	
Leased Forests.							
Jaunsar	26	...	...	...	59	85	
Unclassed Forests.							
Dehra Dún	...	...	...	...	13	13	District waste lands.
Jaunsar	1	...	...	...	...	1	Cantonment Forests, Chakrata.
Total ...	1	...	...	...	13	14	
GRAND TOTAL ...	223	72	318	...	208	821	

DATED DEHRA DÚN:
The 16th September 1895.

A. SMYTHIES,
Offg. Conservator of Forests, School Circle, N.-W. P. and Oudh.

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[Form No. 55.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

RETURN OF GRAZING IN THE STATE FORESTS DURING 1894-95.

Division.	Grazing on payment.						Number of animals.						
	At full rates.						At privileged rates.					Fees received.	
	Buffaloes	Cows and bullocks.	Goats and sheep.	Camels.	Other animals.	Fees received.	Buffaloes.	Cows and bullocks.	Goats and sheep	Camels.	Other animals.	Actual.	Value at full rates.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
						Rs.						Rs.	Rs.
I.—Reserved Forests.													
Naini Tal	350	448	28	...	21	288	...	...	...	...	...	...	...
Kumaun	4,021	8,830	819	...	644	6,639	...	...	17,782	...	...	556	1,112
Garhwál	2,537	5,536	497	...	98	2,812	1 156	3,682	25,139	...	206	1,545	2,297
Ganges	5,212	6,767	1,212	...	2,209	4,926	...	189	16,576	...	...	542	1,083
Bundelkhand	4,996	35,484	...	...	...	2,867	...	...	...	...	...	...	...
Total, I—Reserved Forests ...	17,116	57,065	2,556	...	2,972	17,532	1,156	3,871	59,497	...	206	2,643	4,492
II.—Protected Forests.													
Naini Tal	367	911	*1,274	...	52	647	...	...	...	...	...	...	...
Bundelkhand	126	410	...	...	...	41	...	...	...	...	...	...	...
Total, II—Protected Forests ...	493	1,321	1,274	...	52	688	...	...	...	...	...	...	...
III.—Unclassed Forests.													
Bundelkhand	455	1,971	...	...	...	180	...	...	...	...	...	...	...
Total, III—Unclassed Forests ...	455	1,971	...	...	...	180	...	...	...	...	...	...	...
Abstract.													
I.—Reserved Forests	17,116	57,065	2,556	...	2,972	17,532	1,156	3,871	59,497	...	206	2,643	4,492
II.—Protected ditto	493	1,321	1,274	...	52	688	...	...	...	...	...	...	...
III.—Unclassed ditto	455	1,971	..	...	...	180	...	...	...	...	...	...	...
Total, Central Circle ...	18,064	60,357	3,830	...	3,024	18,400	1,156	3,871	59,497	..	206	2,643	4,492
Total, Oudh ditto ...	11,770	49,851	3,939	...	48	9,824	30,513	187,157	18,864	4	1,177	29,306	44,900
Total, School ditto ...	13,388	18,670	19,081	6,540	9,083	25,497	1,474	9,934	201	...		1,623	3,252
GRAND TOTAL, PROVINCE ...	33,222	128 878	26,850	6,540	12,155	53,221	33,143	200,962	78,562	4	1,383	32,577	52,644

* 1,207 of these sheep; rest goats.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH WESTERN PROVINCES AND OUDH

RETURN OF GRAZING IN THE STATE FORESTS DURING 1894-95—(*concluded*).

Division.	Grazing free.						Number of animals						Total, value of fees at full rates.	Grand Total of value at full rates
	By right under settlement.						During pleasure of Government or otherwise than under settlement.							
	Buffaloes	Cows and bullocks	Goats and sheep	Camels	Other animals.	Value of fees at full rates.	Buffaloes.	Cows and bullocks	Goats and sheep.	Camels.	Other animals	Value of fees at full rates		
1	15	16	17	18	19	20	21	22	23	24	25	26	27	28
						Rs						Rs.	Rs	Rs.
						I—*Reserved Forests.*								
Naini Tal	882	3,659	473	..	208	1,398	..	...	...	..	...	...	1,398	1,686
Kumaun	20,916	34,981	5,335	...	478	19,657	...	.		..	...	...	19,657	27,408
Garhwál	1,376	14,307	1,833	...	10	4,382	16	643	15	..	1	170	4,552	9,661
Ganges	229	8,406	3,337	..	.	2,430	9	649	294	...	...	185	2,615	8,624
Bundelkhand	99	622			...	51		..	...	...			51	2,918
Total, I—Reserved Forests ...	23,502	61,975	10,978	...	696	27,918	25	1,292	309	..	1	355	28,273	50,297
						II.—*Protected Forests.*								
Naini Tal	4,832	21,781	5,386	...	104	8,204	...	...	...	...	...	...	12,205	12,852
	*836	1,010	849	...	...	4,001								
Bundelkhand		..	...	...	..		2,025	3,852	.	...	...	494	494	535
Total, II—Protected Forests ...	5,668	22,791	6,235		104	12,205	2,025	3,852	...		...	494	12,699	13,387
						III.—*Unclassed Forests.*								
Bundelkhand	666	4,153	...	...		343	...	...	.		...	...	343	523
Total, III—Unclassed Forests ..	666	4,153	..	...		343		...	...		...	.	343	523
						Abstract.								
I—Reserved Forests	23,502	61,975	10,978	...	696	27,918	25	1 292	309	...	1	355	28 273	50.297
II—Protected ditto	5,668	22,791	6,235	...	104	12,205	2,025	3,852	...	...	.	494	12,699	13,387
III.—Unclassed ditto	666	4,153	..	..		343	.	.	..	...			343	523
Total, Central Circle	29,836	88,919	17,213	..	800	40,466	2,050	5,144	309		1	849	41 315	64,207
Total, Oudh ditto ...	4,209	26,946	...	...	...	7,157	1,102	3,856	310	.	880	1,701	7,567	63,082
Total, School ditto ...	399	13 31	61,464	.		9,023	.	1,840	..		...	460	460	38,232
Grand Total, Province ...	34,444	134,196	78,677	...	800	56,646	3,152	10,840	619	...	881	3,010	49,342	165,521

* Grazing in excess of settlement rights.

NAINI TAL ·
The 19th September 1895.

E. P. DANSEY,
Conservator of Forests, Central Circle, N.-W. P and Oudh.

[Form No. 55.

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

RETURN OF GRAZING IN THE STATE FORESTS DURING 1894-95.

Division.	Grazing on Payment.						Number of Animals.						
	At full rates.						At privileged rates.						
	Buffaloes.	Cow and bullocks	Goats and sheep	Camels.	Other animals	Fees received.	Buffaloes.	Cows and bullocks	Goats and sheep.	Camels.	Other animals.	Fees received.	
												Actual.	Value at full rates.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
						Rs.						Rs.	Rs.
Pilibhit	74	38	...	...	...	44	1,240	4,468	...	...	...	806	1,334
Kheri	1,276	14,730	764	...	48	2,020	3 777	60,543	622	...	39	5,564	6,632
Babraich	2,927	11,427	3,035	...	...	2,016	21,209	96,113	15,654	3	1,129	17,876	29,746
Gonda	1,352	1,401	140	...	...	1,032	4,287	26,033	2,588	1	9	4,062	7,188
Gorakhpur	6,141	22,255	...	...	...	4,212	...	...	...	...	...	...	...
Grand Total ...	11,770	49,851	3,939	...	48	9,324	30,513	18,7,157	18,864	4	1,177	28,308	44,900
												845	
Deduct outstandings	...	...	...	...	...	..	...	...	...	...	...	2,7463	...

[Form No 55.

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH,

RETURN OF GRAZING IN THE STATE FORESTS DURING 1894-95—(concluded).

Division.	Grazing Free.						Number of Animals.							Grand total of value at full rates.
	By right under settlement.						During pleasure of Government, or otherwise than under settlement.						Total value of fees at full rates.	
	Buffaloes.	Cows and bullocks	Goats and sheep	Camels.	Other animals.	Value fees at full rates	Buffaloes	Cows and bullocks	Goats and sheep.	Camels.	Other animals.	Value of fees at full rates		
1	15	16	17	18	19	20	21	22	23	24	25	26	27	28
						Rs.						Rs.	Rs.	Rs.
Pilibhit	4,209	26,946	...	...	...	7,157	...	...	...	...	...	...	7,157	8,535
Kheri	...	...	...	...	...	...	1,102	3,856	310	...	60	1,291	...	9,943
Bahraich	...	...	...	...	...	...	...	...	...	...	...	...	...	31,762
Gonda	...	...	...	...	...	...	...	...	...	...	820	410	410	8,630
Gorakhpur	...	...	...	...	...	..	...	...	...	...	...	...	...	4,212
Grand Total ...	4,209	26,946	...	...	...	7,157	1,102	3,856	310	...	880	1,701	7,567	63,082

Dated Naini Tal ·
The 20th September 1895.

J. E. CAMPBELL, Colonel,
Offg Conservator of Forests, Oudh Circle.

[Form No .55.

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

RETURN OF GRAZING IN THE STATE FORESTS DURING 1894-95.

Division.	Grazing on payment.						Number of animals.						
	At full rates.						At privileged rates.						
	Buffaloes.	Cows and Bullocks.	Goats and Sheep.	Camels.	Other animals.	Fees received.	Buffaloes.	Cows and Bullocks.	Goats and Sheep.	Camels.	Other Animals.	Fees received.	
												Actual.	Value at full rates.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Reserved Forests.						Rs.						Rs.	Rs.
Dehra Dún	3,263	12,546	1,316	983	2,797	5,556	555	5,446	36	...	...	821	1,642
Sahárunpur	6,283	3,852	12,479	5,557	4,079	15,961	919	4,488	165	...	...	805	1,610
Jaunsár	2,929	2,194	2,368	...	2,177	2,698	...	...	...	...	...	...	...
Total ...	12,475	18,592	16,163	6,540	9,053	24,215	1,474	9,934	201	...	...	1,626	3,252
Leased Forests.													
Jaunsár	896	78	2,918	...	30	1,273	...	...	...	...	...	...	...
Unclassed Forests.													
Jaunsár	17	...	...	...	...	9	...	...	...	...	...	...	...
GRAND TOTAL ...	13,388	18,670	19,081	6,540	9,083	25,497	1,474	9,934	201	...	...	1,626	3,252

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH WESTERN PROVINCES AND OUDH.

RETURN OF GRAZING IN THE STATE FORESTS DURING 1894-95—(*concluded*).

Division	Grazing free.						Number of animals.							Grand total of value at full rates.
	By right under Settlement.						During pleasure of Government, or otherwise than under Settlement.						Total value of fees at full rates.	
	Buffaloes.	Cows and Bullocks.	Goats and Sheep.	Camels.	Other animals.	Value of fees at full rates.	Buffaloes.	Cows and Bullocks.	Goats and Sheep	Camels	Other animals	Value of fees at full rates		
1	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Reserved Forests.						Rs.						Rs	Rs.	Rs.
Dehra Dún	...	..	...	...	...	...	...	1,840	...	...	...	460	460	7,658
Sahárunpur	...	...	...	...	...	...	...	...	...	...	...	...	...	17,571
Jaunsár	399	17,331	41,464	...	...	7,523	...	...	...	...	...	...	...	10,221
Total ...	399	17,331	41,464	...	...	7,523	...	1,840	...	...	...	460	460	35,450
Leased Forests.														
Jaunsár	...	1,000	20,000	...	...	1,500	...	...	...	...	...	...	...	2,773
Unclassed Forests.														
Jaunsár	...	...	...	...	...	...	...	...	...	...	...	...	...	9
GRAND TOTAL ...	399	18,331	61,464	...	...	9,023	...	1,840	...	...	...	460	460	38,232

DATED DEHRA DÚN:
The 16th September 1895

A. SMYTHIES,
Offg. Conservator of Forests, School Circle, N.-W. P. and Oudh.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

AREA OF PLANTATIONS, 1894-95.

Division.	Name of plantation		Area in acres.				Receipts.	Charges.	Remarks.
			On 1st July 1894.	Added during the year.	Excluded during the year.	Area on 30th June 1895.	Of the year.		
	(i) *Regular Plantations.*						Rs.	Rs.	
Nami Tal. — Ránikhet Sub-Division	Ránikhet nursery		50	...	...	50	2,547	2,205	Chír seed sown over one-fourth area, oak over half area; 31 seers of deodar seed also sown 600 cypress, 200 bánj, 100 utis trees, two maunds oak, seed and 1¼ seers tún seed put out in blanks.
	Kalimath		64	...	...	64	...	100	
	Baldhoti		244	...	...	244	77		
	Total, Regular Plantations ...		358	...	...	358	2,624	2,305	
	(ii.) *Cultural operations.*								
	Block.	Compartment.	Local name						
	Lariakanta ...	6	Jabar ...	147	...	...	147	...	7	
	Jakh ...	1, 2	Kahla ...	39	...	...	39	...	...	
	Do. ...	6, 7	Chatrani ...	5	...	...	5	...	...	
	China ...	2	Nurwari ...	43	...	...	43	...	..	
	Do. ...	2	Deopata ...	47	...	...	47	...	...	
	Do. ...	4, 5, 6, 7	China ...	96	...	...	96	...	5	Seven seers of deodár seed sown directly in forests in plots marked by pegs in compartments 4 and 14.
	Do ...	7	Káladhúngi and Badli.	58	...	..	58	...	...	
Nami Tal. — Naini Tal Sub Division	Do. ...	12	Maulani ...	49	...	...	49	..	71	157 deodár put out in repairs; three maunds deodár seed in nursery.
	Do. ...	6	Salampakha ..	9	..	...	9	...	...	
	Do. ..	6	...	...	1	...	1	...	10	288 cypress put out
	Do. ..	7		...	1	...	1	...		60 Ditto
	Bhawali ...	7, 10	Dumkhal ..	...	20	...	20	...	3	This is an old plantation of walnut and deodar omitted from returns
	Lariakanta ..	1, 2, 3, 5	...	..	234	...	234	...	...	Tilong.
	Ditto ...	6, 7	...	...	33	...	33	...	...	Bánj
	Jakh ...	3	...	41	42	...	83	...	...	Tilong; 11 acres sown last year with bánj, sown this year with tilong.
	Do. ...	4	...	25	9	...	34	...	228	Kharsu and tilong.
	Do. ...	5	...	10	...	...	10	...	...	
	China ...	1 to 7, 9, 13, 14, 19, 21	...	...	321	...	321	...	...	202 acres kharsu, 119 acres tilong.
	Adhora ...	3	...	...	3	...	3	...	...	Tilong.
	Nalena .	19	...	5	...	...	5	...	...	
	Ditto ...	13, 14, 17, 19, 20.	...	...	45	...	45	...	16	Blanks in these compartments sown with chir seed.
	Ninglat ...	8	...	15	...	...	15	...	...	
				589	709	...	1,298	...	340	

Planting operations. Sowings.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

AREA OF PLANTATIONS, 1894-95—(*concluded*).

Division.	Name of plantation. (ii) *Cultural operations*—(concld). Block.	Compartment.	Local name.	Area in acres. On 1st July 1894.	Added during the year.	Excluded during the year	Area on 30th June 1895.	Receipts. Of the year. Rs.	Charges. Of the year. Rs.	Remarks.
Naini Tal. Ránikhet Sub-Division	Kaligadh ...	12 13, 15	Dharmikhet Ghingarukhal	7	...	...	7	Planting operations.		
	Khaniari ...	1 to 4	Jainoli ...	49	...	...	49			310 kail, 50 morinda put out.
	Ditto ...	9	Khaniari .	8	.	...	8			
	Ditto ...	10	Gum plantation.	15	...	...	15			
	Jagdeo ...	2, 5, 8, 9, 12, 13, 14	Agaspur, Jagdeo, Judinal	160	...	..	160			
	Dalmoti ...	1	Chamudhar	4	1	...	5			616 acacia put out.
	Ditto ...	2	Kairali ...	33	...	...	33			1,000 deodar, 500 cypress, 500 acacia put out
	...	3, 5, 10, 11, 12, 15	Dalmoti, Kachora.	92	...	...	92		* 248	* Rupees 27 of this charged by mistake to A IX (*c*.)
	Ditto ...	17	...	...	3	...	3			138 kail, 162 deodár put out
	Dwarson ...	11, 12	...	16	..	...	16			1,460 deodár, 410 cypress, 460 acacia, 1,741 oak put out.
	Ditto ...	15	Paiyankhet	3	...	..	3			
	Padhali ...	13	...	...	3	..	3			731 blue gum (a failure), 525 cypress put out.
	Seoni ...	21	(Nursery) ...	1	...	...	1			Nursery.
	Do. ...	13	Cart road line	2	1	...	3			466 deodár, 70 chestnut put out along cart road.
	Katalekh ...	4, 5	Ditto ...	...	5	...	5			700 chestnut ditto.
	Siahidevi ...	8	..	10	...	10	...			A failure (deodár and cypress).
	Bellekh ...	...	Lodge compound	1	...	...	1			
	Kaligadh ...	1	...	59	...	...	59			Last year sown with oak ; this year whole area sown with chir
	Ditto ...	2, 3	...	...	113	...	113			Oak.
	Ditto ..	12	...	31	...	...	31			Chir sown in blanks over about 10 acres, same ground as before.
	Ditto ...	13	...	30	...	...	30			
	Dalkoti ...	18	...	18	...	...	18		242	
	Seoni ...	16	...	7	62	...	69	Sowings.		Oak and in three acres of this chir also
	Ganiadeoli ...	6	...	17	50	...	67			Oak.
	Katalekh ...	4	...	..	51	...	51			Do.
	Chilianao ...	5	...	14	77	...	91			Oak, also chir over area sown last year with oak (14 acres).
	Karchuli ...	1	...	5	20	...	25			Oak.
	Padholi ...	12, 13	...	66	12	...	78			Do
	Dwarson ..	11, 12	..	...	40	...	40			Oak and chir over half area (20 acres).
	Chaubattia, E	8	...	20	48	...	68			Oak and chir along ridges.
	Ditto, W.	4	.	24	19	...	43			
	Siahidevi ...	8, 9	...	250	...	...	250			

		Kaligadh ... 1 / Airadeo ... 2 ...	...	...	...	...	...	5	Experimental sowing of chír to see if twisting of trees is hereditary or not; seed from good trees sown in Airadeo; seed from badly-twisted trees in Kaligadh.
		Purchase of deodár seed ...	...	...	...	...	...	59	
		Cutting back bad young chír, &c. ...	...	...	...	...	...	16	
		Total, Ránikhet Sub Division ...	942	505	10	1,437	...	570	
		Regular Plantations ...	358	...	...	358	2,624	2,305	
		Total, Planting Operations ...	955	35	10	980	...	344	
		Sowing ditto ...	576	1,179	...	1,755	...	491	
		Miscellaneous ...	...	...	...	...	...	75	
		Total, Naini Tal Division ...	1,889	1,214	10	3,033	2,624	*3,215	* Charged to A-IX (c) ... Rs. 27 Total A-VIII (c) ... „ 3,188
Kumaun		Haldwáni and Chorgalia	...	...	...	...	40	186	Up-keep of fruit gardens.
		Kalaga Khair Circle							
		Coupe I	92	8	...	100	...	442	Sowings of khafr and haldu with weedings, and removal of last year's blanks and collection of seed.
		Do. II	...	152	...	152	...		
		Total, Kumaun Division ...	92	160	...	252	40	605	
Garhwál		Chopra	40	...	...	40	...	...	
		Rámnagar, Mohan, Leti, Dhungalgarh, and Jalikhan.	...	...	...	...	25	328	Up-keep of fruit gardens. Dhungalgarh and Jalilkhan gardens added during the year.
		Total, Garhwál Division ...	40	...	..	40	25	328	
Ganges		Chila, Haldukhata, and Saneh ...	...	...	...	...	...	107	Up-keep of fruit gardens.
		Payamkholi and Amkholi (Lansdowne) ...	...	...	.	...	...	16	Robiniapseudo, acacia, and kail nurseries.
		Total, Ganges Division ...	...	...	...	...	...	123	
Bundelkhand		Simroha	...	...	...	...	...	56	Date palm plantation.
		Jhánsi Tukra	..	12	...	12	...	154	Plantations of babul, shisham, and teak.
		Dhukwan	...	75	...	75	...	68	
		Total, Bundelkhand Division ...	...	87	...	87	..	278	
		Total of Cultural Operations ...	1,663	1,461	10	3 114	65	2,244	
		Add Regular Plantations ...	358	...	...	358	2,624	2,305	
		Total, Central Circle ...	2,021	1,461	10	3,472	2,689	4,549 *	* 4,522 under A-VIII (c) 27 do. A-IX (c) 4,549
		Oudh Circle ...	2,724	50	...	2,774	...	105	
		School ditto ...	2,221	37	...	2,258	...	5,751	
		Grand Total, Province ...	6,966	1,548	10	8,504	2,689	10,405	

Abstract of changes in area of plantations.

	Acres.
Total of plantations of all classes at commencement of year	2,021
Add.—Additions made during the year	1,416
Total ...	3,483
Deduct = Areas excluded during the year	10
Total area on 30th June 1895 ...	3,472

Naini Tal;
The 19th September 1895.

E. P. DANSEY,
Conservator of Forests, Central Circle, N.-W. P. and Oudh.

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH

AREA OF PLANTATIONS, 1894-95.

Division.	Name of plantation.	Area in acres.				Receipts.	Charges.	Remarks.
		On 1st July 1894.	Added during the year	Excluded during the year.	Area on 30th June 1895	Of the year.		
	Regular plantation.							
Khori Bhira	Marha	32	..	...	32	...	...	
	Total ..	32	...	...	32	..	...	
Gora hpur	Ramgarh	103	...	...	103	...	...	
	Sonari (Madhauha)	100	...	...	100	...	...	
	Sakhui	2,206	.	...	2,206	...	...	
	East Lehra	40	...	...	40	...	...	
	Total ...	2,649	...	...	2,649	...	...	
	Cultural operations.							
Kheri	Sarota, Sissu plantation, Dudua high ground plantation.	1	...	...	1	...	...	
	Dudua low ground plantation, khair and bamboos.	30	...	...	30	...	...	
	Total ...	31	.	...	31	...	...	
Bahraich	Katania	...	50	...	50	...	105	
Gorakhpur	Ramgarh mango garden	12	...	...	12	...	..	
	Grand Total ...	2,724	50	...	2,774	...	105	

Dated Naini Tal :
The 20th September 1895.

J. E CAMPBELL, Colonel,
Offg. Conservator of Forests, Oudh Circle.

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

AREA OF PLANTATIONS, 1894-95.

[Form No. 56.

Division.	Name of plantation.	Area in acres. On 1st July 1894.	Added during the year.	Excluded during the year.	Area on 30th June 1895.	Receipts of the year.	Charges of the year.	Remarks.
	Regular plantations.	Acres.	Acres.	Acres.	Acres.	Rs.	Rs.	
Saháranpur	Pathri	80	...	...	80	...	...	Shisham, Teak, &c.
	Total ...	80	...	...	80	...	...	
	Cultural operations.							
Debra Dún	Phandowala	5	...	...	5	...	...	Tun, Paper Mulberry.
	Ramgarh	28	...	...	28	...	425	Bamboos, &c.
	Johra	37	2	...	39	...	830	Bamboos and Nursery at Parduni.
	Lachiwala	53	3	...	56	...	1,006	Bamboos and Chir.
	Ditto	2	...	...	2	...		
	Bamboo baskets for Forest School ...	...	...	...	...	...	111	
	Total ...	125	5	...	130	...	2,372	
Saháranpur	Ranipur	30	...	...	30	...	491	Nursery Rs. 105; planting Rs. 386.
	Dholkhand	4	...	...	4	...	62	
	Mohand	...	...	...	...	...	12	Nursery.
	Budhaban coppice	...	...	...	...	...	9	Filling in blanks.
	Dhaula	...	...	...	...	...	...	
	Barkala	...	...	...	...	...	47	Ditto.
	Total ...	34	...	...	34	...	621	
Jaunsar	Korwa	21	3	...	24	...	164	
	Mohna	200	...	...	200	...	210	
	Matkangra	74	1	...	75	...	73	
	Darna	3	5	...	8	...	42	
	Thona	4	...	...	4	...	...	
	Kanjatra	93	...	...	93	...	267	
	Kotikanasar	139	...	...	139	...	...	
	Bodyar	457	5	...	462	...	356	
	Konain	122	...	...	122	...	...	
	Lurli	75	...	...	75	...	46	
	Suitoli	23	...	...	23	...		
	Kalsi	...	1	...	1	...	22	
	Mundali	61	4	...	65	...	461	
	Kathian	262	...	...	262	...	165	
	Panchkoti	16	...	...	16	...	188	
	Partil	63	3	...	66	...	50	
	Jaurasi	15	...	...	15	...	...	
	Temple	46	6	...	52	...	70	
	Katatach	...	2	...	2	...	31	
	Pipal	52	...	...	52	...	8	
	Ghoria	13	...	...	13	...	...	
	Dopta	100	...	...	100	...	...	
	Chakora	39	...	...	39	...	...	
	Garasna	2	...	...	2	...	27	
	Ola	68	...	...	68	...	40	
	Thunwara	6	...	...	6	...	44	
	Lohasu	40	...	...	40	...	...	
	Murach	22	...	...	22	...	92	
	Kunigadh	36	...	...	36	...	330	
	Majog	10	2	...	12	...	72	
	Total ...	2,062	32	...	2,094	...	2,758	
	GRAND TOTAL, Cultural operations ...	2,221	37	...	2,258	...	5,751	

DATED DEHRA DÚN:
The 16th September 1895.

A. SMYTHIES,
Offg. Conservator of Forests, School Circle, N.-W. P. and Oudh.

FOREST DEPARTMENT, CENTRAL CIRCLE.

OUTTURN (IN CUBIC FEET, SOLID) OF TIMBER AND FUEL

	Division.	Timber in the rough, logs.					Timber in the rough, poles.				
		Government.	Purchasers.	Free grantees.	Right-holders.	Total.	Government.	Purchasers.	Free grantees.	Right-holders.	Total.
	II—(*d*) *Exploitation of major forest produce.*	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.
Naini Tal.	(1) Clear or regeneration fellings.	320	...	...	...	320	416	...	...	...	416
	(2) Selection fellings ...	408	55,684	7,840	120	64,052	1,712	31,320	...	416	33,448
	(3) Improvement fellings ...	...	5,536	...	1,592	7,128	420	756	...	2,972	4,148
	(4) Coppice fellings ...	...	...	...	...	...	...	...	...	...	...
	(5) Unregulated fellings—										
	Green ...	...	...	...	328	328	...	...	...	1,366	1,366
	Dry ...	...	6,960	...	...	6,960	...	1,650	...	...	1,650
	Total ...	728	68,180	7,840	2,040	78,788	2,548	33,726	...	4,754	41,028
Kumaun.	II—(*d*) *Exploitation of major forest produce.*										
	(1) Clear or regeneration fellings.	...	...	...	...	...	...	...	...	...	...
	(2) Selection fellings ...	...	16,308	..	3,184	19,492	323	140	...	390	853
	(3) Improvement fellings ...	...	9,575	...	231	9,806	...	7,845	...	64	7,909
	(4) Coppice fellings ...	...	...	...	...	...	...	...	...	...	...
	(5) Unregulated fellings—										
	Green ...	...	1,164	...	...	1,164	...	...	...	...	...
	Dry ...	...	10,678	...	4,059	14,737	...	1,736	...	...	1,736
	Total ...	...	37,725	...	7,474	45,199	323	9,721	..	454	10,498
Garhwal.	II—(*d*) *Exploitation of major forest produce.*										
	(1) Clear or regeneration fellings.	...	...	...	...	...	...	...	...	...	...
	(2) Selection fellings ...	...	2,476	...	...	2,476	...	708	...	...	708
	(3) Improvement fellings ...	265	...	...	...	265	2,630	4	...	...	2,634
	(4) Coppice fellings ...	...	...	...	...	...	...	...	...	...	...
	(5) Unregulated fellings—										
	Green ...	...	...	...	...	...	...	...	...	...	...
	Dry ...	...	2,330	...	...	2,330	10	41,276	...	...	41,286
	Total ...	265	4,806	...	...	5,071	2,640	41,988	...	...	44,628
Ganges.	II—(*d*) *Exploitation of major forest produce.*										
	(1) Clear or regeneration fellings.	...	...	...	...	...	...	...	...	...	...
	(2) Selection fellings ...	3,595	4,521	...	720	8,836	...	...	1,856	...	1,856
	(3) Improvement fellings ...	924	...	...	284	1,208	...	3,250	...	...	3,250
	(4) Coppice fellings ...	...	...	...	...	...	...	...	...	...	...
	(5) Unregulated fellings—										
	Green ...	...	...	...	...	...	...	...	...	...	...
	Dry ...	...	67	...	...	67	...	171	...	...	171
	Total ...	4,519	4,588	...	1,004	10,111	...	3,421	1,856	...	5,277
Bundelkhand.	II—(*d*) *Exploitation of major forest produce.*										
	(1) Clear or regeneration fellings.	...	...	...	...	...	...	...	...	...	...
	(2) Selection fellings ...	..	...	...	...	...	...	...	...	...	...
	(3) Improvement fellings ...	...	72	30	...	102	8,398	9,289	325	996	19,008
	(4) Coppice fellings ...	...	...	...	...	...	...	...	...	...	...
	(5) Unregulated fellings—										
	Green ...	...	..	...	...	...	...	...	...	...	...
	Dry ...	...	...	...	...	...	...	...	...	...	...
	Total ...	...	72	30	...	102	8,398	9,289	325	996	19,008
	Total, I—Reserved Forest ...	5,512	115,371	7,870	10,518	139,271	13,909	98,145	2,181	6,204	120,439
Naini Tal.	II—(*d*) *Exploitation of major forest produce.*										
	(1) Clear or regeneration fellings.	196	4,340	...	9,120	13,656	1,464	...	...	10,408	11,872
	(2) Selection fellings ...	..	...	...	...	...	...	...	...	...	...
	(3) Improvement fellings ...	1,816	11,056	...	63,370	76,242	2,120	5,730	...	76,680	84,530
	(4) Coppice fellings ...	...	...	...	...	...	...	...	...	...	...
	(5) Unregulated fellings—										
	Green ...	...	...	...	150	150	...	...	...	1,116	1,116
	Dry ...	...	160	...	...	160	...	...	...	...	...
	Total ...	2,012	15,556	...	72,640	90,208	3,584	5,730	...	88,204	97,518
Bundelkhand.	II—(*d*) *Exploitation of major forest produce.*										
	(1) Clear or regeneration fellings.	...	...	...	...	...	...	...	...	...	...
	(2) Selection fellings ...	...	...	...	...	...	...	...	...	...	...
	(3) Improvement fellings ...	...	22	...	...	22	...	2,496	225	...	2,721
	(4) Coppice fellings ...	...	...	...	...	...	...	...	...	...	...
	(5) Unregulated fellings—										
	Green ...	...	...	...	...	...	...	...	...	...	...
	Dry ...	...	..	...	...	...	...	...	...	...	...
	Total ...	...	22	...	...	22	...	2,496	225	...	2,721
	Ttoal, II—Protected Forests,	2,012	15,578	...	72,640	90,230	3,584	8,226	225	88,204	100,239

NORTH-WESTERN PROVINCES AND OUDH. [Form No. 57.

DURING THE YEAR 1894-95 AND AGENCY OF EXPLOITATION.

Sawn or squared timber.					Miscellaneous.					Fuel.					Total.
Government.	Purchasers.	Free grantees.	Right-holders.	Total.	Government.	Purchasers.	Free grantees.	Right-holders.	Total.	Government.	Purchasers.	Free grantees.	Right-holders.	Total.	Outturn.
C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.
I.—*Reserved Forests.*															
...	...	...	...	...	...	...	...	...	...	10,050	...	...	...	10,050	10,786
...	...	...	...	...	...	...	...	...	...	8,647	...	...	...	8,647	100,147
...	...	...	...	...	...	...	...	...	...	..	222,560	...	...	222,560	233,886
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	5,590	...	...	...	5,590	7,284
...	...	...	...	...	...	...	..	...	...	21,868	...	...	150,000	177,868	180,478
...	...	...	...	...	...	...	...	...	...	46,155	222,560	...	150,000	424,715	544,581
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
85	70,930	7,810	453	79,287	268	...	...	...	268	...	...	...	...	...	90,900
...	12,236	...	46	12,282	...	...	...	...	...	...	...	...	...	...	29,997
...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,164
...	43,828	...	.	43,828	...	...	...	...	...	...	167,884	...	769,096	936,980	997,281
85	127,003	7,810	499	135,397	268	...	...	...	268	...	167,884	...	769,096	936,980	1,128,342
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1,464	107,802	...	...	109,266	220	1,584	...	5,695	7,499	...	...	...	...	...	119,949
774	44,091	...	...	44,865	5	84	...	...	89	...	87,042	...	...	87,042	135,495
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	2,303	...	...	2,303	...	8,910	...	5	8,914	...	63,135	...	378,855	442,290	497,124
2,238	154,196	...	...	156,434	225	10,578	...	5,700	16,503	...	151,077	...	378,855	529,932	752,568
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	33,321	...	...	33,321	...	956	...	...	956	...	...	...	...	...	44,960
...	587	...	...	587	...	1,685	...	...	1,685	28,656	...	...	...	28,656	35,380
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
...	44	...	...	44	...	9,455	...	...	9,455	...	...	...	...	...	9,499
...	81	...	...	81	...	57,462	...	...	57,462	...	160,902	...	128,055	288,957	340,738
...	34,033	...	...	34,033	...	69,558	..	...	69,558	28,656	160,902	...	128,055	317,613	430,582
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	21,054	85,119	600	2,176	108,949	20,487	44,235	1,800	...	66,522	194,581
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	21,054	85,119	600	2,176	108,949	20,487	44,235	1,800	...	66,522	194,581
2,323	315,232	7,810	499	325,864	21,547	165,255	600	7,876	195,278	95,298	746,658	1,800	1,422,006	2,276,762	3,060,614
II.—*Protected Forests.*															
...	...	...	...	...	...	...	...	...	...	93,480	120	...	...	93,600	119,128
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	127,269	237,140	...	...	364,409	525,182
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	1,326	...	...	...	1,326	2,592
...	...	...	...	...	...	...	...	...	..	387	...	...	1,100,000	1,100,387	1,100,544
...	...	...	...	...	..	...		...	...	222,462	237,260	...	1,100,000	1,559,722	1,747,448
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	12,728	...	...	12,728	...	2,500	...	...	2,500	17,317
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
..	...	...	...	...	...	12,728	...	...	12,728	...	2,500	...	...	2,500	17,971
...	...	...	...	...	...	12,728	...	...	12,728	222,462	239,760	...	1,100,000	1,562,222	1,767,916

FOREST DEPARTMENT, CENTRAL CIRCLE.

OUTTURN (IN CUBIC FEET, SOLID) OF TIMBER AND FUEL

	Division.	Timber in the rough, logs.					Timber in the rough, poles.				
		Government.	Purchasers.	Free grantees.	Right-holders.	Total.	Government.	Purchasers.	Free grantees.	Right-holders.	Total.
		C. ft.	C. ft.	C. ft.	C ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.
Kumaun.	II—(d) *Exploitation of major forest produce.*										
	(1) Clear or regeneration fellings	...	...	...	...	...	...	...	...	...	...
	(2) Selection fellings ...	...	...	...	...	...	...	...	...	...	...
	(3) Improvement fellings ...	...	...	...	...	...	...	...	...	...	...
	(4) Coppice fellings ...	...	...	...	...	...	...	...	...	...	...
	(5) Unregulated fellings—										
	Green ...	...	3	...	...	3	...	8	...	...	8
	Dry ...	...	194	...	...	194	...	1,481	...	...	1,481
	Total ...	...	197	...	...	197	..	1,489	..	..	1,489
Ganges.	II—(d) *Exploitation of major forest produce.*										
	(1) Clear or regeneration fellings.	...	...	...	...	...	...	...	...	...	...
	(2) Selection fellings ...	...	...	...	...	...	...	...	...	...	...
	(3) Improvement fellings ...	...	...	...	...	...	...	...	...	...	...
	(4) Coppice fellings ...	...	...	...	...	...	...	...	...	...	...
	(5) Unregulated fellings—										
	Green ...	...	...	...	...	...	...	...	...	...	...
	Dry ...	...	...	...	...	...	...	14	...	...	14
	Total ...	...	...	...	...	...	...	14	...	...	14
Bundelkhand.	II—(d) *Exploitation of major forest produce*										
	(1) Clear or regeneration fellings	...	...	...	...	...	...	...	...	...	...
	(2) Selection fellings ...	...	...	...	...	...	...	...	...	...	...
	(3) Improvement fellings ...	...	...	...	...	...	1,027	987	...	...	2,014
	(4) Coppice fellings ...	...	...	...	...	...	...	...	...	...	...
	(5) Unregulated fellings—										
	Green ...	...	...	...	...	...	...	...	...	...	...
	Dry ...	...	...	...	...	...	...	...	..	...	...
	Total ...	..	..	...	..	...	1,027	987	...	...	2,014
	Total, III, Unclassed Forests	...	197	...	...	197	7,027	2,490	...	...	3 517
	(1) Clear or regeneration fellings.	320	...	...	...	320	416	...	...	...	416
	(2) Selection fellings ...	4,003	78,989	7,840	4,024	94,856	2,035	32,168	1,856	806	36,865
	(3) Improvement fellings ...	1,184	15,183	30	2,107	18,509	11,448	21,144	325	4,032	36,949
	(4) Coppice fellings ...	...	...	...	...	...	...	...	...	...	...
	(5) Unregulated fellings—										
	Green ...	...	1,164	...	328	1,492	...	...	...	1,366	1,366
	Dry ...	...	20.035	...	4,059	24,094	10	44,833	...	...	44,833
	I.—Reserved Forest ...	5,512	115,371	7,870	10,518	139,271	13,909	98,145	2,181	6,204	120,439
	(1) Clear or regeneration fellings.	196	4,340	...	9,120	13,656	1,464	...	...	10,408	11,872
	(2) Selection fellings ...	...	...	...	...	...	...	...	...	...	...
	(3) Improvement fellings ...	1,816	11,078	...	63,370	76,264	2,120	8,226	225	76,680	87,251
	(4) Coppice fellings ...	...	...	...	...	...	...	...	...	...	...
	(5) Unregulated fellings—										
	Green ...	...	...	...	150	150	...	...	...	1,116	1,116
	Dry ...	...	160	...	...	160	...	...	...	...	...
	II —Protected Forests ...	2,012	15,578	..	72,640	90,230	3,584	8,226	225	88,204	100,239
	(1) Clear or regeneration fellings	...	...	...	...	...	...	...	...	...	...
	(2) Selection fellings ...	...	...	...	...	...	...	...	...	...	...
	(3) Improvement fellings ...	...	...	...	...	...	1,027	987	...	...	2,014
	(4) Coppice fellings ...	...	...	...	...	...	...	...	...	...	...
	(5) Unregulated fellings—										
	Green ...	...	3	...	...	3	...	8	...	...	8
	Dry ...	...	194	...	...	194	...	1,495	...	...	1,495
	III.—Unclassed Forest ...	...	197	...	...	197	1,027	2,490	...	...	3,517
	Total, Central Circle ...	7,524	131,146	7,870	83,158	229,698	18,52	108,861	2,406	94,408	224,195
	Total, Oudh ditto ...	3,960	1,631,120	972	...	1,636,052	22,215	1,222,944	633,540	387,961	2,266,660
	Total, School ditto ...	18,636	315.388	...	58,050	392,074	13,787	42,036	...	...	55,823
	GRAND TOTAL, PROVINCE .	30,120	2,077,654	8,842	141,208	2,257,824	54,522	1,373,841	635,946	482,369	2,546,678

NAINI TAL:
The 19th September 1895.

[Form No 57.

NORTH-WESTERN PROVINCES AND OUDH

DURING THE YEAR 1894-95 AND AGENCY OF EXPLOITATION—(*concluded*).

Sawn or squared timber.					Miscellaneous.					Fuel.					Total
Government.	Purchasers.	Free grantees.	Right-holders	Total.	Government.	Purchasers	Free grantees	Right-holders.	Total.	Government	Purchasers.	Free grantees	Right-holders.	Total.	Outturn.
C. ft.	C. ft	C. ft.	C. ft.	C. ft	C. ft.	C. ft	C. ft.	C. ft.	C ft	C. ft.	C. ft.	C ft.	C ft.	C. ft.	C. ft.
III.—*Unclassed Forests.*															
...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
..	...	...	...	...	...	...	...	...	...	...	.	...	...	...	...
...	...	...	...	...	..	...	...	...	..	...	...	...	...	...	..
...	...	...	...	...	...	...	...	...	...	...	..	...	...	.	11
...	135	...	...	135	...	...	...	...	...	...	133,151	...	..	133,151	134,961
...	135	...	..	135	.	...	...	..		...	133,151	..	..	133,151	134,972
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	..	...	...	...	...	...	...	...	...	..	...	..	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...
...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	2,818	...	...	2,818	...	7,477	...	...	7,477	...	46,791	...	...	46,791	57,100
...	2,818	...	...	2,818	...	7,477	..	...	7,477	...	46,791	...	.	46,791	57,100
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	2,014
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	..	...	.	.	..	...	..	...	..	...	...	...	...	...
...	.	...	...	...		..	...	...	...	...	...	...	...		2,014
...	2,953	..	.	2,953	...	7,477	...	...	7,477	...	179 942		...	179,942	194,086
ABSTRACT															
I.—*Reserved Forests.*															
...	,,	...	...	...	...	...	...	...	...	10,050	...	...	...	10,050	10,786
1,549	212,062	7,810	453	221,874	488	2,540	...	5,695	8,723	8,647		...	...	8,647	370,905
774	56,914	...	46	57,734	21,059	86,888	600	2,176	110,723	49,143	354,437	1,800	...	405,380	629 295
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	44	...	...	44	...	9,455	...	..	9,455	5,590	...	...	...	5,590	17,947
	46,212	...		46,212	..	60,372	...	5	60,377	21 808	392,221	...	1,432,006	1,846,095	2,027,621
2,323	315,232	7,810	499	325,864	21,547	165,255	600	7,876	195,278	95,298	746,658	1,800	1,432,006	2,275,762	3,056,614
II.—*Protected Forests.*															
...	...	...	...	...	...	...	...	...	...	93,480	120	...	...	93,600	119,128
...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	..
...	...	...	...	...	...	12,728	...	...	12,728	127,269	239,640	...	...	366 909	543,152
...	...	..	...	...	...	..	...	...	..	.	...	...	...	...	
...	...	..	...	...	.		..	...	...	1,326	...	...	..	1,326	2,592
...	...		...	...	..	...	...	...	..	387		...	1,100,000	1,100,387	1,100,547
..	...	...	..	..	...	12,728	..	..	12,728	222,462	239,760	...	1,100,000	1,562,222	1,705,419
III.—*Unclassed Forests.*															
...	...	...	..	...	.	...	...	...	..	...	..	...	...	...	...
..	...	...		...	..	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	..	...	...	...	..	...	...	...	2,014
...	...	..	...	...	...	...	...	..	...	...	..	...	...	.	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
...	2,953	...	.	2,953	...	7,477	...	..	7,477	...	179,942	..	..	179,942	192,061
...	2,953	...	...	2,953	..	7,477	...	...	7,477		179,942	...	...	179,94.	194,086
2,323	318,185	7,810	499	328,817	21,547	185,460	600	7,876	215,483	317,760	1,166,360	1,800	2,532,006	4,017,926	5,016,119
72	110,271	12,378	3,020	102,721	10,240	26,028	767	...	37,041	1,481,366	3,258,574	73,209	157,650	4,920,799	9,023,273
243,166	73,616	...	...	319,802	508	36,820	...	...	86,828	237,022	344,607	1 300	1,281,307	1,863,696	2,068,223
245,561	542,072	20,188	3,519	811,340	32,301	247,808	1,367	7,876	289,352	1,986,148	4,769,001	76,309	3,970,963	10,802,421	16,707,615

E. P. DANSEY,

Conservator of Forests, Central Circle, N.-W. P and Oudh.

FOREST DEPARTMENT, OUDH CIRCLE

OUTTURN (IN CUBIC FEET, SOLID) OF TIMBER AND

Division.	Timber in the rough; logs					Timber in the rough; poles.				
	Government.	Purchasers.	Free grantees.	Right holders.	Total.	Government.	Purchasers.	Free grantees	Right-holders.	Total.
	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft	C. ft.	C. ft.
PILIBHIT.										
Improvement fellings ...	...	...	...	...	...	...	...	...	...	...
Unregulated fellings ...	284	44	...	...	328	...	2,833	...	2,95,408	2,98,241
Total ...	284	44	...	...	328	...	2,833	...	2,95,408	2,98,241
KHERI.										
Improvement	10	75,149	...	...	75,168	...	13	...	...	13
Coppice Green	...	...	...	...	...	...	...	...	...	...
Unregulated ... Green ...	2,756	3,070	...	...	5,826	25	4,270	...	92,553	96,848
Dry ...	125	12,967	...	...	13,092	...	72	...	...	72
Total ...	2,900	91,186	...	...	94,086	25	4,355	...	92,553	96,933
BAHRAICH.										
Improvement fellings. Green ..	492	2,10,496	110	...	2,11,098	7,798	1,18,005	2,289	...	1,28,092
Dry ...	...	3,671	...	...	3,671	...	1,627	...	...	1,627
Unregulated fellings. Green ...	...	668	862	...	1,530	...	4,148	5,93,385	...	5,97,533
Dry ...	...	12,792	...	...	12,792	...	3,507	...	...	3,507
Total ...	492	2,27,627	972	...	2,29,091	7,798	1,27,287	5,95,674	...	7,30,759
GONDA.										
Unregulated fellings Green ...	...	...	...	...	...	...	...	37,866	...	37,866
Dry ...	...	...	...	...	...	...	...	...	...	...
Selection fellings... Green ...	269	6,253	...	...	6,522	812	16,309	...	...	17,121
Dry ...	...	117	...	..	117	...	46	...	...	46
Coppice fellings ... Green ...	...	...	...	...	...	217	330	...	...	547
Dry ...	...	...	...	...	...	...	...	...	...	...
Total ...	269	6,370	...	...	6,639	1,029	16,685	37,866	...	55,580
GORAKHPUR.										
(1) Improvement fellings ...	...	13,05,893	...	...	13,05,893	...	10,43,052	...	...	10,43,052
(2) Coppice with standard fellings.	...	...	...	...	...	1,360	28,336	...	...	29,696
(3) Unregulated fellings ...	15	...	...	...	15	12,003	396	...	...	12,399
Total ...	15	13,05,893	...	...	13,05,908	13,363	10,71,784	...	...	10,85,147
Pilibhit	284	44	...	..	328	...	2,833	.	2,95,408	2,98,241
Kheri	2,900	91,186	...	...	94,086	25	4,355	...	92,553	96,933
Bahraich	492	2,27,627	972	...	2,29,091	7,798	1,27,287	5,95,674	...	7,30,759
Gonda	269	6,370	...	...	6,639	1,029	16,685	37,866	...	55,580
Gorakhpur	15	13,05,893	...	...	13,05,908	13,363	10,71,784	...	...	10,85,147
TOTAL ...	3,960	16,31,120	972	...	16,36,052	22,215	12,22,944	6,33,540	3,87,961	22,66,660

DATED NAINI TAL:
The 20th September 1895.

Charcoal should be shown by its equivalent in fuel,

NORTH WESTERN PROVINCES AND OUDH.

FUEL, DURING THE YEAR 1894-95 AND AGENCY OF EXPLOITATION.

Sawn or squared Timber.					Miscellaneous.					Fuel.					Total.
Government.	Purchasers.	Free grantees	Right holders.	Total.	Government.	Purchasers.	Free grantees	Right-holders	Total.	Government.	Purchasers.	Free grantees	Right-holders	Total.	Outturn.
C. ft.	C ft	C ft	C ft	C ft	C. ft	C. ft	C. ft.	C ft	C. ft	C ft.	C. ft	C ft.	C. ft	C ft	C. ft
I.—Reserved Forests															
...	...	...	...	...	...	...	...	...	...	..	2,54,037	...	...	2,54,037	2,54,037
...	6	...	...	6	...	20	...	...	20	2,192	1 22,651	...	67,060	1,91,903	4,90,198
..	6	...		6		20	...	..	20	2,192	3,76,688	..	67,060	4,45,940	7,44 535
Forests Reserved															
72	1,40,102	...	...	1,40,174	..	7,551	...	...	7,551	1,05,135	3,59 535	...	...	4,64,670	6,87,576
...	...	...	...	...	...	...	...	...	...	...	1,25,850	...	...	1,25 850	1,25,850
...	1,220	...	...	1,220	...	51	...	...	51	9,500	15,770	...	..	25,270	1,29,315
...	800	12,378	...	13,178	...	32	...	..	32	...	10,468	...	90,590	1,01,053	1,27,427
72	1,42,122	12,378	...	1,54,572	...	7,634	...	...	7,634	1,14 635	5,11,618	.	90,590	7,16,843	10,70,068
...	8,142	...	...	8,142	...	...	...	...	...	36,380	..	...	...	36,380	3,33,712
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5,298
...	...	..	...	...	...	120	...	...	120	...	...	...	...	...	5,99,183
...	...	...	...	...	..	1,812	399	...	2,211	...	54,768	16,420	...	71,188	89,698
...	8,142	..	.	8,142		1,932	399	..	2,331	36,380	54,768	16,420	...	1,07,568	10,77,891
I—Reserved Forests.															
...	1	...	..	...	10,000	16,442	368	...	26,810	28,356	20,000	...	...	48,356	1,13,032
...	...	...	...	1	6	...	..	...	6	...	1,81,001	56,789	...	1,87,790	1,87,797
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23,643
...	...	...	...	...	...	...	...	...		..	...	..	...	...	103
..	...	...	...	...	...	...	..	..	...	1,35,178	2,30,000	...	...	3,65,178	3,65,725
...	...	..	..	...	...	...	...	...	.	...	..	...	...	...	...
...	1	..	..	1	10,000	16,442	368	...	26,816	1,64,534	3,81,001	56,780	...	6,01,324	6,90,360
...	...	...	...	...	...	...	...	...	...	...	15,51,236	...	...	15,57,236	30,00,181
...	..	...	...	...	...	...	...	..	...	11,14,625	2,44,413	...	...	13,59,038	13,88,734
...	...	...	...	...	240	...	...	...	240	...	1,38,850	...	...	1,38,850	1,51,504
...	...	.	...	...	240	...	...		240	11,14,625	19,34,499	...	..	30,49,124	54,40,419
..	6	...	...	6	...	20	..	..	20	2,192	3,76,688	...	67,060	4,45,940	7,44 535
72	1,42,122	12,378	...	1,54,572	..	7,634	..		7,634	1,14,635	5,11,618	...	90,590	7,16,843	10,70,068
...	8,142	...	...	8,142	...	1,932	399	...	2,331	36,380	54,768	16,420	...	1,07,568	10,77,891
...	1	..	...	1	10,000	16,442	368	...	26,816	1,63,534	3,81,001	56,789	...	6,01,324	6,90,360
...	...	...	...	..	240	..	.	...	240	11,14 625	19,34,499	...	...	30,49,124	54,40,419
72	1,50,271	12,378	...	1,62,721	10,246	26,028	767	.	37,041	14,31,366	32,58,571	73,209	1,57,650	49,20,799	90,23,273

the quantity of wood consumed in producing it being entered in cubic feet, solid.

J E CAMPBELL, Colonel,
Offg Conservator of Forests, Oudh Circle.

FOREST DEPARTMENT, SCHOOL CIRCLE,

OUTTURN (IN CUBIC FEET, SOLID) OF TIMBER AND FUEL

Division.	Timber in the rough ; Logs					Timber in the rough ; Poles.				
	Government	Purchasers.	Free grantees	Right holders	Total.	Government.	Purchasers.	Free grantees.	Right-holders	Total.
	C. ft.	C. ft	C. ft.	C ft.	C. ft	C ft.	C ft.	C. ft.	C. ft	C. ft.
Dehra Dún.										I.—*Reserved*
Improvement fellings ...	...	32,889	...	...	32,889	297	32,933	...	...	33,230
Coppice ditto ..	..	...	...	...		...		...	...	...
Unregulated ditto ...	464	61	...	...	525	..	170	..	...	170
Drift-wood	12,419	543	...	...	12 962	999	3,030	...	...	4,029
Dead and fallen wood ..	...	2,218	...	...	2,218	...	3,090	...	...	3,090
Total ...	12,888	35,711	...	.	48,594	1,296	39,223	..	...	40,519
Saháranpur.										
Selection fellings ..	85	130	...	...	215	75	...	...	...	75
Coppice ditto ..	...	...	...	...	...	..	...	..	...	.
Improvement ditto ...	...	.	...	...	..	12,000	...	...	...	12,000
Thinnings	...	...	...	...	...	...	217	...	...	217
Unregulated fellings ...	...	...	...	...		..	498	...	...	498
Drift wood	4,890	5,000	...	...	9,890	299	1,020	...	...	1,319
Dead and fallen wood ...	...	687	...	...	687	...	640	...	...	640
Total ...	4,975	5,817	...		10,792	12,374	2,375	.	...	14,749
Jaunsar.										
Selection fellings	...	273,860	...	58,050	331,910	19	..	...	...	19
Clean ditto	...	...	...	...		...	212	...	..	212
Coppice ditto	...	...	...	...	...	98	50	. .	.	148
Thinnings ..	...	...	..	...	...	...	176	...	...	176
Unregulated fellings ...	...	...	...	...	...	...	...	...	...	...
Drift wood	778	...	...	...	778	...	...	..	...	...
Total ...	778	273,860	...	58,050	332,688	117	438	...	...	555
GRAND TOTAL ...	18,636	315,388	...	58,050	392,074	13,787	42,036	...	...	55,823
										II.—Protected
										Nil
										III.—Unclassed
Abstract for the Circle										*Nil*
Selection fellings ...	85	273,990		58,050	332,125	94	...	...	...	94
Clean ditto ...	..	...	...		. .	..	212	...	...	212
Coppice ditto ...	...	.	...	...	...	98	50	...	...	148
Improvement ditto ...	...	32 889	. .	...	32,889	12,297	32,933	...	...	45,230
Unregulated ditto ..	464	61	...	...	525		668	...	...	668
Thinnings ...		...	...	...		. .	393	...		393
Drift wood	18,087	5,543	...	. .	23,630	1,298	4,050	..		5,348
Dead and fallen wood .	...	2 905	...	...	2,905	..	3,730	...	...	3 730
Total ...	18,636	315,388	...	58,050	392,074	13,787	42,036	...	...	55,823

Charcoal should be shown by its equivalent in fuel, the quantity of wood

DEHRA DÚN:
The 16th September 1895.

[Form No 57.

NORTH-WESTERN PROVINCES AND OUDH.

DURING THE YEAR 1894-95, AND AGENCY OF EXPLOITATION.

Sawn or squared Timber.					Miscellaneous.					Fuel.					Total.
Government.	Purchasers.	Free Grantees.	Right-holders.	Total.	Government.	Purchasers	Free Grantees.	Right holders	Total.	Government.	Purchasers.	Free Grantees	Right-holders.	Total.	Outturn.
C. ft.	C ft.	C. ft.	C. ft.	C. ft.	C. ft	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft	C ft.	C. ft.	C. ft.	C. ft.
Forests.															
12	...	...	...	12	469	32,032	...	..	33,401	4,339		...	...	4,339	103,871
...	..	..	...	...	39		...	...	39	21,650	10 560	...	...	32,210	32,249
.	...	...	...	...	...	1,114	...	...	1,114		2,550	...	...	2,550	4,359
1,304	365	...	...	1,669	...	415	...	...	415	17,667	109,618	...	.	127,285	146,369
...	...	...	...	...	...	1,746	...	...	1,746	1,360	93,806	1,300	206,662	303,128	310,813
1,316	365	..	...	1,681	508	36,207	.	..	36,715	45 016	216,544	1,300	206,662	469,51 2	597,021
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	290
...	...	...	...	...	...	...	...	...	...	5,000	12,500	...	...	17,500	17,500
...	...	...	...	...	...	..	...	...	...	...	..	...	...	...	12,000
...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	217
...	...	..	..	...	...	113	...	...	113	...	...	...	...	...	611
1,037	...	...	...	1,037	...	...	...	...	...	19,914	31,720	...	...	51,634	63,960
...	...	...	...	...	...	...	...	...	...	...	71,865	...	100,578	172,443	179,770
1,037	...	...	...	1,037	...	113	...	..	113	24,914	116,085	...	100,578	241 577	268,268
240,813	...	...	...	240,813	...	...	...	...	...	104,072	400	...	...	104,472	677,214
...	73,251	...	3,020	76,271	...	...	...	...	..	...	9,280	...	974,067	983,347	1,059,830
...	...	...	...	...	...	...	...	...	...	18,497	.	...	...	18,497	18,645
...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	176
...	...	...	...	...	...	...	...	...	...	...	1,768	...	...	1,768	1,768
...	...	...	...	...	...	...	...	...	...	44,523	...	...	...	44,523	45,301
240,813	73,251	...	3,020	317,084	...	...	...	...	...	167,092	11,448	...	974,067	1,152,607	1,802,934
243,166	73,616	...	3,020	319,802	508	36,320	...	...	36,828	237,022	344,067	1,300	1,281,307	1,863,696	2,668,223
Forests															
Forests.															
240,813	..	...	...	240,813	...	...	...	...	...	104,072	400	...	...	104,472	677,504
...	73,251	...	3,020	76,271	...	...	...	...	...	...	9,280	...	974,067	983,347	1,059,830
...	...	...	...	...	39	...	...	..	39	45,147	23,060	...	...	68,207	68,304
12	...	...	...	12	469	32,032	...	...	33,401	4,339	...	...	...	4,339	115,871
...	...	...	...	...	...	1,227	...	...	1,227	...	4,318	...	...	4,318	6,738
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	393
2,341	365	...	...	2,706	...	415	...	...	415	82,104	141,338	...	...	223,442	255,541
...	...	...	...	...	...	1,746	...	...	1,746	1,360	165,671	1,300	307,240	475,571	483,952
243,166	73 616	...	3,020	319,802	508	36,320	...	...	36,828	237,022	344,067	1,300	1,281,307	1,863,696	2,668,223

consumed in producing it being entered in cubic feet, solid.

A. SMYTHIES,

Offg Conservator of Forests, School Circle, N. W. P. and Oudh.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH. [Form No. 58.

OUTTURN OF MINOR FOREST PRODUCE DURING THE YEAR 1894-95.

Division.	Description of produce.	Produce removed or utilized—										Remarks.
		By Government agency.		By purchasers.		By free grants		By right-holders.		Total.		
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
			Rs		Rs.		Rs.		Rs.		Rs.	
				I—Reserved Forests.								
Naini Tal ...	Bamboos ... ... Nos.	...	...	3,600	24	...	...	2,002	26	5,602	50	
	Ringals ... ... Nos.	...	...	4,550	4	..	...	...	.	4,550	4	
	Grazing and fodder grass	...	...	...	2,842	...	...	...	1,438	...	4,280	
	Other minor produce	.	...	.	2,582	...	...	Not known.		.	2,582	
	Total, Naini Tal Division ...	...	...	8,150	5,452	...	...	2,002	1,464	10,152	6,916	
Kumaun ..	Bamboos .. .. Nos	...	...	250,123	2,799	...	...	31,995	122	282,118	2,921	
	Grazing and fodder grass	...	...	...	7,194	...	...	...	19,657	..	26,851	
	Other minor produce	...	...	...	22,603	...	...	...	103	...	22,706	
	Total, Kamaun Division ..	...	...	250,123	32,596	...	...	31,995	19,882	282,118	52,478	
Garhwál ...	Bamboos ... ... Nos.	2,500	20	2,123,701	23,351	..	...	48,920	437	2,175,121	23,808	
	Grazing and fodder grass	...	...	...	4,357	...	...	...	4,552	...	8,909	
	Other minor produce	..	...	...	8,493	...	...	Not known.		...	8,493	
	Total, Garhwál Division ...	2,500	20	2,123,701	36,201	...	...	48,920	4,989	2,175,121	41,210	
Ganges ..	Bamboos ... . Nos.	...	...	9,565,426	1,11,518	6,240	39	1,140	9	9,572,806	1,11,566	
	Grazing and fodder grass	...	...	...	6,900	...	...	...	2,615	...	9,515	
	Other minor produce	...	...	...	5,646	...	...	...	...	...	5,646	
	Total, Ganges Division ...	...	...	9,565,426	1,24,064	6,240	39	1,140	2,624	9,572,806	1,26,727	
Bundelkhand ...	Bamboos ... ... Nos.	444,330	6,664	58,745	623	...	..	624	5	503,699	7,292	
	Grazing and fodder grass	...	.	..	9,789	Not known.		...	51	...	9,840	
	Other minor produce	...	547	...	4,339	...		...	2	...	4,888	
	Total, Bundelkhand Division ...	444,330	7,211	58,745	14,751	...	...	624	58	503,699	22,020	
	Total, I—Reserved Forests ...	446,830	7,231	12,006,145	2,13,064	6,240	39	84,681	29,017	12,543,896	2,49,351	

						II.—Protected Forests.						
Nain Tal ...	Bamboos	Nos.	11	...	30	1	...	...	...	...	30	1
	Ringals	...	...	...	20,150	31	...	...	121,059	245	141,209	276
	Grazing and fodder grass ...	...	...	...	...	1,488	Not known.		...	12,104	...	13,592
	Other minor produce	...	...	...	...	163	...	...	...	...	...	163
	Total, Naini Tal Division ...		...	...	20,180	1,683	...	...	121,059	12,349	141,239	14,032
Bundelkhand ...	Bamboos	Nos.	...	...	23,085	219	250	2	...	...	23,335	221
	Grazing and fodder grass ...	...	...	...	...	71	...	...	...	494	...	565
	Other minor produce	...	...	...	...	...	...	...	...	...	...	...
	Total, Bundelkhand Division ...		...	...	23,085	290	250	2	...	494	23,335	786
	Total, II—Protected Forests ...		...	...	43,265	1,973	250	2	121,059	12,843	164,574	14,818
						III.—Unclassed Forests.						
Ganges ...	Bamboos	Nos.	...	...	991,163	10,121	...	...	...	...	991,163	10,121
	Grazing and fodder grass ...	...	...	...	...	697	Not known		...	...	...	697
	Other minor produce	...	...	...	...	1,303	...	...	...	...	...	1,303
	Total, Ganges Division ...		...	...	991,163	12,121	...	...	...	...	991,163	12,121
Bundelkhand ...	Bamboos	Nos.	18,575	467	11,395	111	...	...	...	...	29,970	578
	Grazing and fodder grass ...	...	...	...	...	7	Not known.		...	343	..	350
	Other minor produce	...	...	...	...	644	...	...	...	...	...	644
	Total, Bundelkhand Division ...		18,575	467	11,395	762	...	...	...	343	29,970	1,572
	Total, III—Unclassed Forests ...		18,575	467	1,002,558	12,883	...	...	...	343	1,021,133	13,693
						I.—Reserved Forests.						
	Bamboos and ringals	Nos.	446,830	6,684	12,006,145	1,38,319	6,240	39	84,681	599	12,543,896	1,45,641
	Grazing and fodder grass ...	...	...	...	...	31 082	...	...	...	28,313	...	59,395
	Other minor produce	...	...	547	...	43,663	...	...	...	105	...	44,315
	Total I—Reserve Forests ...		446,830	7,231	12,006,145	2,13,064	6,240	39	84,681	29,017	12,543,896	2,49,351
						II.—Protected Forests.						
	Bamboos and ringals	Nos.	...	...	43,265	251	250	2	121,059	245	164,574	498
	Grazing and fodder grass ...	...	...	...	...	1,559	...	...	...	12,598	...	14,157
	Other minor produce	...	...	...	...	163	...	...	...	...	...	163
	Total, II—Protected Forests ...		...	...	43,265	1,973	250	2	121,059	12,843	164,574	14,818

[Form No. 58.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

OUTTURN OF MINOR FOREST PRODUCE DURING THE YEAR 1894-95.

ABSTRACT (CLASS OF FORESTS).

Division.	Description of produce.		Produce removed or utilized— By Government agency. Quantity.	Value.	By purchasers. Quantity.	Value.	By free grants. Quantity.	Value.	By right-holders. Quantity.	Value.	Total. Quantity.	Value.	Remarks.
				Rs.		Rs.		Rs.		Rs.		Rs.	
					III.—Unclassed Forests.								
	Bamboos	...	18,575	467	1,002,558	10,232	...	...	...	...	1,021,133	10,699	
	Grazing and fodder grass ...	...	...	...	...	704	...	...	...	343	...	1,047	
	Other minor produce	...	...	...	...	1,947	...	.	...	...	...	1,947	
	Total, III—Unclassed Forests	...	18,575	467	1,002,558	12,883	...	...	...	343	1,021,133	13,693	
					ABSTRACT.								
					Class of Produce.								
	Bamboos and ringals	Nos.	465,405	7,151	13,051,968	1,48,802	6,490	41	205,740	844	13,729,603	156,838	
	Grazing and fooder grass ...	...	...	...	...	33,345	...	...	...	41,254	...	74,599	
	Other minor produce	...	...	547	...	45,773	...	...	...	105	...	46,425	
	Total of Central Circle	...	465,405	7,698	13,051,968	2,27,920	6,490	41	205,740	42,203	13,729,603	2,77,862	
	Oudh Circle. Bamboos ...	Nos.	10,733	674	1,700	93	1,200	75	...	...	13,633	842	
	Oudh Circle. Grazing and fodder grass	...	...	4,180	...	55,575	...	6,268	...	8,114	...	74,137	
	Oudh Circle. Other minor produce	...	...	16,056	...	12,380	...	644	...	31	...	29,111	
	Total	...	10,733	20,910	1,700	68,048	1,200	6,987	...	8,145	13,633	1,04,090	
	School Circle. Bamboos ...	Nos.	235,480	2,725	1,089,690	7,270	...	...	1,700	51	1,326,870	10,046	
	School Circle. Grazing and fodder grass	...	...	35	...	27,877	...	...	...	6,402	...	34,314	
	School Circle. Other minor produce	...	...	5,226	...	18,228	...	...	..	2,500	...	25,954	
	Total	. .	235,480	7,986	1,089,690	53,375	...	...	1,700	8,953	1,326,870	70,314	
	Grand Total, Province. Bamboos ...	Nos.	711,618	10,550	14,143,358	1,56,165	7,690	116	207,440	895	15,070,106	1,67,726	
	Grand Total, Province. Grazing and fodder grass	...	...	4,215	...	1,16,797	...	6,268	. .	55,770	...	1,83,050	
	Grand Total, Province. Other minor produce	...	...	21,829	...	76,381	...	644	...	2,636	...	1,01,490	
	Total	...	...	36,594	...	3,49,343	...	7,028	...	59,301	...	4,52,266	

NAINI TAL :
The 19th September 1895.

E. P. DANSEY.
Conservator Forests, Central Circle, N.-W. P. and Oudh.

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

OUTTURN OF MINOR FOREST PRODUCE DURING THE YEAR 1894-95.

Division.	Description of produce.	Produce removed or utilized										Remarks.
		By Government agency.		By purchasers.		By free grants.		By right-holders.		Total.		
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
			Rs.		Rs.		Rs.		Rs.		Rs.	
Pilibhit ...	Grazing dues ... ... No	...	...	5,820	850	...	...	31,430	7,174	37,250	8,024	
	Baib grass ... ... Lease	...	...	...	1,450	...	...	...	...	...	1,450	
	Baib grass ... ... Mds.	...	...	178	13	...	...	162	25	340	38	
	Grasses ... ... Lease	...	...	...	350	...	...	...	...	...	350	
	Grasses ... ... Mds.	...	...	9,271	626	...	...	16,426	940	25,697	1,566	
	Minor produce ... ... Mds.	...	...	405	332	...	...	55	6	460	338	
	Total No.	...	...	5,820	3,631	...	...	31,430	8,145	37,250	11,766	
	" Mds	...	...	9,854		...	...	16,643		26,497		
	Add—Outstanding realized ...	...	...	...	154	...	...	...	...	...	154	
	Total ...	...	...	...	3,775	...	...	...	8,145	...	11,920	
	Deduct—Outstanding at close of the year, ...	...	...	...	144	...	...	...	...	...	144	
	GRAND TOTAT ...	...	...	...	3,631	...	...	...	8,145	...	11,776	
Kheri ...	Grazing dues ... ... No.	...	...	81,799	7,584	5,328	1,291	...	...	87,127	8,875	
	Baib ... ... Mds.	14,205	11,081	...	...	...	...	...	...	14,205	11,081	
	Grasses ... ... "	...	...	13,073	476	76,776	3,287	...	...	89,849	3,763	
	Lime ... ... "	...	...	125	9	...	...	...	...	125	9	
	Lac ... ... "	...	...	4	40	...	...	...	...	4	40	
	Minor produce ... ... "	11	65	353	1,133	135	6	...	...	499	1,204	
	Total No.	..	11,146	81,799	9,242	5,328	4,584	...	...	87,127	24,972	
	" Mds.	14,216		13,555		76,911		...	...	1,04,682		
	Add—Outstanding realized ...	...	...	...	101	...	...	...	...	...	101	
	GRAND TOTAL ...	...	1,1146	...	9,343	...	4,584	...	...	...	25,073	
Bahraich ...	Grazing dues ... ... No.	...	...	1,51,497	19,892	...	...	...	...	1,51,497	19,892	
	Bamboos ... ... "	10,274	642	...	...	1,200	75	...	...	11,474	717	
	Canes ... ... "	..	...	1,800	10	...	...	...	...	1,800	10	
	Baib ... ... Mds.	1,553	1,141	13,287	2,820	73	24	...	...	14,913	3,985	
	Grasses ... ... "	...	...	63,560	2,612	19,260	964	...	...	82,821	3,576	
	Mowha ... ... "	...	...	1,845	2,335	...	...	...	...	1,845	2,335	

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

OUTTURN OF MINOR FOREST PRODUCE DURING THE YEAR 1894-95—(*concluded*).

Division.	Description of produce.	Produce removed or utilized										Remarks
		By Government Agency		By purchasers.		By free grant.		By right holders		Total.		
		Quantity.	Value	Quantity.	Value	Quantity.	Value	Quantity.	Value	Quantity	Value.	
			Rs.		Rs.		Rs.		Rs		Rs.	
Bahraich ...	Lac ... ... ,,	... 2	... 10	6 12,540	40 3,344	... 27,129	... 570	... ..	... .	6 39,670	40 3,924	
	Total No.	10,274	1,793	1,53,297	31 053	1,200	1,633	...	...	1,64,771	34,479	
	„ Mds	1,555		91,238		46,462		...	..	1,39,255		
	Add—Outstanding realized ...	...	...	...	9,832	...	..	...	..	.	9,832	
	Total .	...	1,793	...	40,885	...	1,633	..	...	...	14,311	
	Deduct—Outstanding at close of the year	...	1,388	..	13,006	...		.	..	...	14,394	
	GRAND TOTAL ...	.	405	...	27,879	...	1,633	...		...	29,917	
Gonda ...	Grazing dues ... ... No.	..	...	35,811	5,094	820	74	...	...	36,631	5,168	
	Bab ... ... Mds	7,014	3,647	806	70	449	44	...	..	8,269	3,761	
	Grasses ... ... ,,	...	..	1,31,761	2,738	25,453	652	...	...	1,57,214	3,390	
	Mowha ... ... ,,	117	109	112	113	...	...	...	...	229	222	
	Lime .. ... ,,	...	..	1,933	269	...	...	...	...	1,933	269	
	Gold washing contract ,,	...	...	...	10	...	...	...	...		10	
	Minor produce ... ... ,,	1	3	1,355	56	...	...	...	..	1,356	59	
	Total ... No.	...	...	35,811	...	820	...	...	...	36,631	...	
	Mds.	7,132	3,759	1,35,967	8,350	25,902	770	...	...	1,69,001	12,879	
Gorakhpur ...	Grazing ... ... No.	...	...	26,396	4,212	...	...	...	...	28 396	4,212	
	Bamboos ... ... ,,	459	32	1,700	93	...	...	...	...	2 159	125	
	Grasses .. ... Mds.	83,544	4,178	2,22,792	11,141	...	..	...	...	3,06,336	15,319	
	Minor produce ... ... ,,	24	2	207	336	...	...	...	...	231	338	
	Total ... No.	459	4,212	30,096	15,782	...	...	...	...	30,555	..	
	Mds.	83,568		2,22,999		...	...	...	...	3,06,567	19,994	

Total by Division .	Pilibhít	No.	...	...	5,820	3,621	...	...	31,430	8,145	37,250	11,766
		Mds.	...		9,854		..	...	16,643		26,497	
	Kheri	No.	...	11,446	81,799	9,242	5,328	4,584	5,328	4,584	87,127	24,972
		Mds	14,216		13,555		76,911		76,911		1,04,682	
	Bahraich	No.	10,274	1,793	1.53,297	31,053	1,200	...	...	...	1,64,771	34,479
		Mds.	1,555		91,238		46,462	...	...	...	1,39.255	
	Gonda	No.	...	3,759	35,811	8,350	820	770	..	...	36,631	12,879
		Mds.	7,132		1,35,967		25,902		...	...	1,60,001	
	Gorakhpur	No.	459	4,212	30,096	15,782	...	...	...	...	30,555	19,994
		Mds.	83,568		2,22,999		...	...	...	...	3,06 567	
	Total ...	No.	10,733	20,910	3,06,823	68,048	2,020	2,403	36,758	12,729	3,56,334	1.04,090
		Mds.	1,06,471		4,73,613		72,364		93,554		7,46,002	
	Add—Outstanding realized	...	...	...	...	10,087	...	...	...	...	...	10,087
	Total	...	...	20,910	...	78,135	...	2,403	...	12,729	...	1,14,177
	Deduct—Outstanding at close of the year.		...	1,388	...	13,150	...	...	...	...	...	14,538
	GRAND TOTAL	...	...	19,522	..	64,935	...	2,403	...	12,729		99,396
	Grazing ..	No.	...	...	3,03,323	37,632	6,148	1,365	31,430	7,174	3,40,901	46,171
	Bamboos	„	10,733	674	1,700	93	1,200	75	...	...	13,633	842
	Canoes	„	..	...	1,800	10	...	...	...	...	1,800	10
	Baib	Lease	...	...	...	1,450	...	...	...	...	-	1,450
		Mds.	22,772	15.869	14,271	2,903	522	68	162	25	37,727	18,865
	Grasses	Lease	...	...	...	350		...	...	...	..	350
		Mds.	83,544	4,778	4,40,458	17,593	1,21,489	4,903	16,426	940	6,61,917	27,614
	Mohwa	„	117	109	1,957	2,448	...	...	...	...	2,074	2,557
	Lime	„	...	...	2,058	278	...	...	...	...	2,058	278
	Lac	„	-	..	10	80	...	...	..	...	10	80
	Gold washing contract ...		...	...	...	10	...	...	...	...	...	10
	Minor produce	Mds.	38	80	14,859	5,200	27,264	576	55	6	42,216	5,863
		No.	10,733	20,910	3,06,823	68,048	7,348	6,987	31,430	8,145	3.56,334	1,04,090
	Add—Outstanding realized	Mds.	1,06,471		4,73,613		1,49,275		16,643		7,46,002	
		...	...	...	...	10,087	...	...	...	...	..	10,087
	Total	...	...	20,910	...	78,135	...	6,987	...	8,145	...	1,14,177
	Deduct—Outstanding at closeof the year.		...	1,388	...	13,150	...	...	...	...	...	14,538
	GRAND TOTAL	...	...	19,522	...	64,985	...	6,987	...	8,145	...	99,639

DATED NAINI TAL ;
The 20th September 1895.

J. E. CAMPBELL, COL.,
Offg Conservator of Forests, Oudh Circle.

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

OUTTURN OF MINOR FOREST PRODUCE DURING THE YEAR 1894-95.

Division.	Description of Produce.		Produce removed or utilized.										Remarks.
			By Government agency.		By Purchasers.		By free grants.		By Right-holders.		Total.		
			Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
				Rs.		Rs.		Rs.		Rs.		Rs.	
						I.—Reserved Forests.							
Dehra Dún ...	Bamboos	No.	199,420	2,293	450,697	3,868	...	...	...	...	650,117	5,661	
	Grazing dues and fodder grass ...	...	...	...	...	7,106	...	...	...	1,281	...	8,387	
	Other minor produce	...	...	...	...	7,774	...	...	...	...	...	7,774	
	Total ...		199,420	2,293	450,697	18,248	...	...	...	1,281	650,117	21,822	
Saháranpur ...	Bamboos	No.	36,060	432	626,093	8,885	...	...	...	...	662,153	4,317	
	Grazing dues and fodder grass ...	...	...	...	...	16,792	...	...	...	801	...	17,593	
	Other minor produce ...	...	...	...	...	10,382	...	...	...	...	...	10,382	
	Total. ...		36,060	432	626,093	31,059	...	...	...	801	662,153	32,292	
Jaunsar ...	Bamboos	No.	...	...	800	10	...	...	1,700	51	2,500	61	
	Ringals	»	...	...	12,100	7	...	..	...	...	12,100	7	
	Grazing and fodder grass ...	...	...	35	...	3,979	...	...	...	4,320	...	8,334	
	Other minor produce ...	...	...	5,226	...	72	...	...	...	2,500	...	7,798	
	Total ...		...	5,261	12,900	4,068	...	...	1,700	6,871	14,600	16,200	
	Total, Reserved Forests ...		235,480	7,986	1,089,690	53,375	...	...	1,700	8,953	1,326,870	70,314	
						II.—Protected Forests. *Nil*							
						III.—Unclassed State Forests. *Nil.*							
Abstract for the Circle.	Bamboos	No,	235,480	2,725	1,089,690	7,270	...	...	1,700	51	1,326,870	10,046	
	Grazing dues and fodder grass ...	...	...	35	...	27,877	...	...	...	6 402	...	34,314	
	Minor produce	...	...	5,226	...	18,228	...	...	...	2,500	...	25,954	
	Total ...		235,480	7,986	1,089,690	53,375	...	...	1,700	8,953	1,326,870	70,314	

DATED DEHRA DÚN:
The 16th September 1895.

A SMYTHIES,
Offg. Conservator of Forests, School Circle, N.-W. P. and Oudh.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

ACCOUNT OF TIMBER AND OTHER PRODUCE CUT OR COLLECTED BY GOVERNMENT AGENCY AND BROUGHT TO DEPÔTS, SOLD LOCALLY, OR OTHERWISE DISPOSED OF DURING THE YEAR 1894-95.

Particulars.	No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
	Rs.	Rs.	Rs.	Rs.
Balance in hand at commencement of the year.				
NAINI TAL DIVISION.				
Firewood ... ... Mds.	31,946	42,748	31,946	42,748
Kumaun Division.				
Sál (Shorea robusta) scantlings	492	446		
Tun (Cedrala toona) ditto	63	32		
Haldu (Adina cordifolia ditto	2	2		
Shisham (Dalbergia sissoo) ditto	109	54	666	534
Ganges Division.				
Sál (Shorea robusta) ballis	200	444	200	444
Firewood ... ... Mds.	160	400	160	400
Bundelkhand Division.				
Miscellaneous ballis	3,031	4,518		
Kiras	1	1		
Kurias	14,500	14,500	17,532	19,019
Firewood ... ... Mds.	2,326	4,654		
Charcoal	700	7,000	3,026	11,654
Pambocs ... ... Nos.	1,42,112	...	1,42,112	...
Grass ... ... Bdles.	93,000	...	93,000	...

Particulars.	No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
	Rs.	Rs.	Rs.	Rs.
Removed by purchasers from depôts.				
Miscellaneous ballis	4,753	7,148		
Kurias	28,491	28,491	33,244	35,639
Firewood ... ... Mds.	2,10,843	2,65,468		
Charcoal ... ... ,,	1,751	17,510	2,12,594	2,82,978
Bamboos ... ... Nos.	3,32,387	...	3,32,387	...
Grass ... ... Bdles.	5,44,500	...	5,44,500	...
Mahua ... ... Mds	311	...	311	...
Skins ... ... Nos.	38	...		
Horns ... ... ,,	4	...		
Materials of huts ... ... ,,	12	...	54	...
Received from the Forests and sold locally.				
Sál (Shorea robusta) ... ... Logs.	19	265		
Sál Ditto ... ... Ballis.	1,735	2,391		
Miscellaneous ... ... ,,	185	249	1,939	2,905
Converted into charcoal.				
Firewood ... ... Mds.	2,640	5,280	2,640	5,280

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

ACCOUNT OF TIMBER AND OTHER PRODUCE CUT OR COLLECTED BY GOVERNMENT AGENCY AND BROUGHT TO DEPÔTS, SOLD LOCALLY, OR OTHERWISE DISPOSED OF DURING THE YEAR 1894-95.

Particulars.	No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
	Rs.	Rs.	Rs.	Rs.
Receipts from forests in depôts.				
Sál (Shorea robusta) scantlings, poles &c.	235	5,520		
Haldu (Adina cordifolia) ditto	4	108		
Shisham (Dalbergia sisso) ditto	6	167		
Sein (Terminalia tomentosa) ditto	8	200		
Dhaura (Lagestræmia parviflora) ditto	...	193		
Chir (Pinus longifolia ditto	...	824		
Miscellaneous ditto	6,347	18,943		
Kuriss	21,054	21,054	27,654	47,009
Firewood ... ... Mds	2,43,861	3,07,250		
Charcoal ... ... ,,	1,051	10,510	2,44,912	3,17,760
Bamboos ... ... Nos.	4,65,405	...	4,65,405	...
Grass ... ... Bdles.	6,82,000	...	6,82,000	...

Particulars.	No. or quantity.	Cubic feet.	Total of each head No or quantity.	Total of each head Cubic feet.
	Rs.	Rs.	Rs.	Rs.
Struck off for various causes.				
Sál (Shorea robusta) ... ... Ballis.	200	444		
Miscellaneous ... ... ,,	228	343	428	787
Firewood ... ... Mds.	339	678	339	678
Bamboos ... ... Nos.	64,90	...	6,490	...
Grass ... ... Bdles.	88,000	...	88,000	...
Mahua ... ... Mds.	3	...	3	...
Used by Department.				
Sál (Shorea robusta) scantlings, poles, &c. ...	235	5,520		
Haldu (Adina cordifolia) ditto ...	4	108		
Shisham (Dalbergia sisso) ditto ...	6	167		
Sein (Terminalia tomentosa) ditto ...	8	200		
Dhaura (Lagestræmia parviflora) ditto ...	...	193		
Chir (Pinus longifolia) ditto ...	...	824		
Miscellaneous ditto ...	225	9,642		
Kurias	50	50	528	16,704
Firewood ... ... Mds.	7	16	7	16
Bamboos ... ... Nos.	5,956	...	5,956	...

										Balance at close of the year.				
										NAINI TAL DIVISION.				
										Firewood	Mds.	59,973	74,628	59,973	74,628
										Kumaun Division.				
										Sál (Shorea robusta) scantlings		492	446		
										Tun (Cedrala toona) ditto		63	32		
										Haldu (Adina cordifolia) ditto		2	2		
										Shisham (Dalbergia sissoo) ditto		109	54	666	534
										Ganges Division.				
										Firewood	Mds.	3,316	6,632	3,316	6,632
										Bundelkhand Division.				
										Miscellaneous ballis		4,172	6,328		
										Kurias		7,013	7,013		
										Kira		1	1	11,186	13,342
										Firewood	Mds.	1,175	2,350	1,175	2,350
Mahua	Mds.	385	...	...	...					Bamboos	Nos.	2,63,684	...	2,63,684	...
Chironji	„	2	...	387	...										
Skins	Nos.	38	...	...	...					Grass	Bdles.	1,42,500	...	1,42,500	...
Horns	„	4	...	...	...										
Materials of huts	„	12	...	54	...					Mahua	Mds.	71	...	...	...
										Chironji	„	2	...	73	...
Received from the forests and sold locally.															
Sál (Shorea robusta) logs		19	265	...	...										
Sál ditto ballis		1,735	2,391	...	...										
Miscellaneous do.		185	249	1,989	2,905										
Grand Total ... Timber		...	...	47,991	69,911					Grand Total ... Timber		...	...	47,991	69,911
Grand Total ... Firewood	Mds.	2,78,293	3,55,052							Grand Total ... Firewood ...	Mds.	2,78,293	3,55,052		
Grand Total ... Charcoal	„	1,751	17,510	2,80,044	3,72,562					Grand Total ... Charcoal ...	„	1,751	17,510	2,80,044	3,72,562
Grand Total ... Bamboos	Nos.	...	...	6,08,517	...					Grand Total ... Bamboos ...	Nos.	...	...	6,08,517	
Grand Total ... Grass	Bdles.	...	...	7,75,000	...					Grand Total ... Grass ...	Bdles.	...	...	7,75,000	
Grand Total ... Mahua	Mds.	385	...	...	...					Grand Total ... Mahua ...	Mds.	385	...		
Grand Total ... Chironji	„	2	...	387	...					Grand Total ... Chironji ...	„	2	...	387	
Grand Total ... Skins	Nos.	38	...	...	...					Grand Total ... Skins ...	Nos.	38	...		
Grand Total ... Horns	„	4	...	...	...					Grand Total ... Horns ...	„	4	...		
Grand Total ... Materials of huts ...	„	12	...	54	...					Grand Total ... Materials of huts ...	„	12	...	54	

NAINI TAL:
The 19th September 1895.

E. P. DANSEY,
Conservator of Forests, Central Circle,
N.-W. P. and Oudh.

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

ACCOUNT OF TIMBER AND OTHER PRODUCE CUT OR COLLECTED BY GOVERNMENT AGENCY AND BROUGHT TO DEPÔTS, SOLD LOCALLY, OR OTHERWISE DISPOSED OF, DURING THE YEAR 1894-95.

Particulars.	Number or quantity.	Cubic feet.	Total of each head. Number or quantity.	Total of each head. Cubic feet.
Balance at commencement of the year.				
Pilibhít Division.				
(a)—Timber.				
Ballies ... ... Nos.	132	228	132	228
Fuel ... ... Mds.	23,331	46,662	23,331	46,662
Kheri Division.				
(a)—Timber.				
Sál logs	554	24,622	...	...
„ ballies	3,268	4,620	...	...
Asna logs	215	7,883	...	...
„ ballies	31	113	...	...
Haldu logs	18	1,222	...	...
„ ballies	4	18	...	...
Sissu logs	9	293	...	...
Sál scantlings	31,509	15,787	...	...
Sal sleepers {6×8×6 = 4,177 = 8,354; 6×8×4½ = 99,261 = 1,48,891} ...	1,03,438	1,57,245	...	...
Asna „ {6×8×6 = 218 = 436; 6×8×4½ = 8,186 = 12,279} ...	8,404	12,715	...	...
Asna beams	2	37	...	...
Large boats	34	...	...	...
Dugouts	132	...	...	...
Miscellaneous ballies	1,198	4,009	...	...
Ditto logs	5	138	1,48,821	2,28,709
(b)—Drift.				
Sal logs	1	39	...	...
„ ballies	5	5	...	...
Sissu logs	84	1,251	...	...
„ ballies	344	1,947	...	...
Deodar logs	28	700	...	...
„ ballies	5	16	...	...
Tun logs	2	115	...	...
Removed by purchasers from depôts.				
(a)—Timber.				
Sal ballies	57,344	2,10,392	...	...
„ scantlings	638	774	...	...
„ logs	39	1,058	...	...
Asna „	19	674	...	...
„ ballies	50	98	...	...
Haldu logs	3	198	...	...
Sál sleepers {6×8×6 = 239 = 478; 6×8×4½ = 99,007 = 1,48,511} ...	99,246	1,48,989	...	...
Asna „ 6×8×4½	5,272	7,908	...	...
Dugouts	103	...	...	...
Miscellaneous ballies	941	1,670	...	...
Asna scantlings	2	20	...	...
Sál planks	3	1	...	...
„ slabs	21	77	...	...
Sissu planks	1	1	...	...
Asna slabs	119	63	...	...
Tikni planks	9	21	1,63,810	3,71,944
(b)—Drift.				
Tikni logs	11	133	...	...
„ ballies	1	11	...	...
Sál logs	341	6,942	...	...
„ ballies	1,329	5,545	...	...
Sissu logs	758	8,664	...	...
„ ballies	1,499	9,526	...	...
Deodar logs	17	347	...	...
„ ballies	10	46	...	...
Tun logs	40	704	...	...
„ ballies	5	45	...	...
Haldu logs	16	296	...	...
„ ballies	5	21	...	...
Asna ballies	124	684	...	...
Sandan logs	2	9	...	...
„ ballies	11	39	...	...
Dugouts	1			

Haldu logs	1	73	...	...			
„ ballies	5	41	...	...			
Asna logs	4	178	...	...			
„ ballies	4	30	...	...			
Sandan logs	1	5	...	...			
Deodar beams	1	23	...	...			
Miscellaneous logs	8	145	...	...			
„ ballies	55	109	...	...			
Sal sleepers	10	15	...	...			
Asna planks	3	9	...	...			
Sál scantlings	2	4	...	...			
„ planks and slabs	5	8	...	...			
„ beams	4	46	...	...			
Dugouts	2	...	...	...			
Asna beams	4	49	...	...			
„ scantlings	1	3	...	...			
Wrought timber	1	...	580	4,608			
(c)—Firewood.							
Fuel ... ... Mds. ...	1,21,418	2,42,836	1,21,418	2,42,836			
BAHRAICH DIVISION.							
(a)—Timber.							
Sal ballies	5,278	16,800	5,278	16,800			
(b)—Drift.							
Sal logs	29	1,012	...	...			
„ ballies	22	362	...	..			
Sissu logs	15	551	...	...			
„ ballies	121	1,034	...	...			
Asna logs	8	233	...	...			
„ ballies	19	259	...	...			
Miscellaneous logs	7	179	...	...			
„ ballies	23	278	...	...			
Canoes	11	...	255	3,908			
(c)—Firewood.							
Fuel ... ... Mds.	36,593	73,186	36,593	73,186			
(d)—Minor produce.							
Baib grass ... ... Mds	5,436	...	5,436	...			
(e)—Bamboos.							
Bamboos	32,907	...	32,907	..			

Beat planks	6	...	...	...			
Miscellaneous logs	72	1,692	...	...			
„ ballies	107	767	...	...			
Asna planks	7	21	...	...			
Sál scantlings	9	23	...	...			
„ planks and slabs	53	47	...	...			
„ beams	3	18	...	...			
Unreserved logs	19	201	...	...			
„ ballies	28	158	...	...			
Sissu roots	22	37	...	...			
Asna beams	4	49	...	...			
Canoes	26	225	...	...			
Sál sleepers	27	41	...	...			
Asna logs	30	687	...	...			
Wrought timber	27	27	...	...			
Deodar beams	2	32	...	...			
Bottom of large boats	1	...	...	...			
Pieces of dugouts	9	...	...	...			
Asna slabs	2	3	...	...			
Sissu „	2	4	...	...			
Babul pieces	1	9	...	...			
Champ logs	15	337	...	...			
„ ballies	1	7	...	...			
Karma logs	3	59	...	...			
Khair logs	1	12	...	...			
„ ballies	2	17	...	...			
Siris „	3	26	...	...			
Jamun „	2	13	...	...			
Asidh logs	1	25	...	...			
Sunbal „	2	66	...	...			
Panan „	1	8	...	...			
Unreserved planks	1	2	...	...			
Rapti ... ... Mds	7	12,198	...	...			
Great Gandak fuel, pieces ... No.	1,819	20,554	6,478 Mds. 7	70,322			
(c)—Firewood.							
Fuel ... ... Mds.	6,48,692	16,97,385	6,48,692	16,97,385			
(d)—Bamboos.							
Bamboos	4,161	...	41,61	...			
(e)—Minor produce.							
		Mds. Srs.		Mds. Srs.			
Mahawa		119 10	...	...			
Baib grass		22,772 0	...	...			
Hides 83		10 15	...	...			
Other produce		26 0	...	...			
Grass		83,544 0	83	1,06,471—25			

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

ACCOUNT OF TIMBER AND OTHER PRODUCE CUT OR COLLECTED BY GOVERNMENT AGENCY AND BROUGHT TO DEPÔTS, SOLD LOCALLY, OR OTHERWISE DISPOSED OF, DURING THE YEAR 1894-95—(*continued*).

Particulars.	Number or quantity.	Cubic feet.	Total of each head. Number or quantity.	Total of each head. Cubic feet.
GONDA DIVISION.				
(*a*)—*Timber.*				
Sál logs	8	96	...	...
„ ballies	340	497	...	...
„ scantlings ... No. ...	399	429	...	...
„ Mds. ...	4			
„ battens	471	266	...	...
„ beams	12	48	...	...
Asna logs	5	64	...	...
„ ballies	40	89	...	...
„ scantlings	5	22	...	...
„ battens	386	143	...	...
Sissu logs	2	60	...	...
„ scantlings ... ... Mds. ...	2	5	...	...
Dhau ballies	22	43	...	...
Miscellaneous ballies	54	98	1,744 6 Mds.	1,860
(*b*)—*Drift.*				
Sal logs	38	399	...	...
Asna „	1	19	...	...
„ beams	2	24	...	...
Sissu logs	15	121	...	...
Tikui „	3	62	...	...
Miscellaneous logs	6	152	...	...
„ ballies	5	5	...	...
Dugouts	5	...	75	782
(*c*)—*Firewood.*				
Railway fuel ... 70,392				
Thick ... 9,292 Mds. ...	56,517	1,13,034	56,517	1,13,034
Tin ... 33,350				

Particulars.	Number or quantity.	Cubic feet.	Total of each head. Number or quantity	Total of each head. Cubic feet.
SOLD LOCALLY.				
(*a*)—*Timber.*				
Sál logs	4	283	...	
„ ballies	1,113	8,322	1,117	8,556
(*b*)—*Firewood.*				
	Hd. Lds.	Mds.	Hd. Lds.	Mds.
Fuel	4,157	6,235	4,157	6,235
CONVERTED IN DEPOTS.				
(*a*)—*Timber.*				
Sissu logs	8	102		
Asna „	3	65	11	167
LOST OR WRITTEN OFF AS USELESS.				
(*a*)—*Timber.*				
Sál logs	24	691	...	...
„ ballies	392	2,083	...	...
Sál sleepers 6 × 8 × 4½	211	316	...	...
Dugouts	21	...	...	...
Asna logs	7	55	...	...
„ ballies	8	147	...	...
Haldu logs	...	364	...	...
Miscellaneous ballies	309	2,428	...	...
Sissu ballies	5	3	...	...
Canoes	1	...	...	...
Dhau ballies	2	14	...	...
Sleeper pieces	5	5	985	6,106

(103)

(d)—Minor produce.						
Baib grass	11,954	...	...	...		
Mahuwa flower	39	...	...	...		
Other produce	1	...	11,994	...		
GORAKHPUR DIVISION.						
(a)—Timber.						
Sál ballies	15,599	57,648	...	..		
Sleeper pieces	5	5	15,604	57,653		
(b)—Drift.						
Sál logs	22	486	...	...		
Asna logs	7	96	...	...		
Sál ballies	1,015	3,335	...	...		
Planks	7	7	..	...		
Canoes	25	227	...	...		
Fuel	7	14	...	...		
Sissu logs	9	119	...	...		
Champ logs	7	24	...	...		
Sissu ballies	5	83	...	...		
Tun „	2	11	...	...		
Karma „	2	24	...	...		
Wrought timber	27	27	...	...		
Asna ballies	71	202	1,199	4,655		
	...	...	Mds. 7			
(c)—Firewood.						
Firewood .. ... Mds.	4,48,738	8,97,477	4,48,738	8,97,477		
(d)—Bamboos.						
Bamboos	459	...	459	...		
Total opening balance No. ...	...	...	2,07,054	16,92 598		
Total opening balance Mds. ...	...	...	7,04,040			
RECEIVED FROM THE FORESTS IN DEPÔTS.						
(a)—Timber.						
Sál logs	119	2,945	...	...		
„ ballies	36,293	1,36,748	...	...		
Asna logs	42	731	...	...		
Haldu „	3	193	...	...		
Sál scantlings	12	12	...	...		
„ sleepers	951	1,426	...	...		
Large boats	1	...	...	..		
Sissu logs	39	642	...	...		
„ planks	3	3	...	...		
Tikni ballies	2	20	...	...		
Dhau logs	17	209	...	...		
Sissu ballies	4,363	8,632	...	...		
Jaman pieces	30	240	...	...		
Sál beams	38	185	..	...		
„ sleepers	180	288	42,093	1,52,280		
(b)—Drift.						
Sál logs	5	100	...	...		
Sissu ballies	5	83	...	...		
„ logs	8	95	...	...		
Champ logs	7	24	...	...		
Tun ballies —	2	12	...	...		
Karma ballies	2	24	...	...		
Canoes	1	10	...	...		
Unreserved logs	2	34	32	82		
(c)—Firewood.						
Fuel ... ... Mds ...	27,195	52,991	27,195	52,991		
(d)—Minor produce.						
Minor produce ... ... Mds....	1,357	...	...	...		
Bankas ... ... „ ...	7,920	...	... Mds	..		
Mahuwa ... ... „ ..	4	...	9,281	...		
USED BY THE DEPARTMENT.						
(a)—Timber.						
Sál beams	39	196	...	..1		
„ ballies	468	1,938	...	...		
„ logs	14	291	...	...		
„ scantlings	321	256	...	...		
Sissu logs	7	186	...	...		
Sál sleepers {6×8×6 =122=244} {6×8×4½=201=312} ...	323	556	...	...		
„ battens	79	118	...	...		
Asna logs	4	54	...	...		
„ battens	100	64	...	...		
Sal planks	94	54	...	...		
„ slabs	66	132	...	...		
Tekni ballies	2	20	...	...		
Jaman pieces	30	240	1 481	4,105		
		...	Mds. 66			
(b)- Drift.						
Sál logs	1	19	...	...		
Sissu logs	4	77	...	...		
Rapti sál ballies	8	14	...	...		
Gandak Champ logs	2	61	15	171		
(c)—Firewood.						
Fuel ... ... Mds ...	5,396	10,792	...	...		
Charcoal ... ... „ ...	100	200	5,496	10,992		
(d)—Minor produce.						
Baib grass	126	...	126	...		
(e)—Bamboos.						
Bamboos	20	...	20	..		
Grand total No. ...	...	...	182,350	2,218,190		
Grand total Mds.	...	...	1,003,569 25			

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

ACCOUNT OF TIMBER AND OTHER PRODUCE CUT OR COLLECTED BY GOVERNMENT AGENCY AND BROUGHT TO DEPÔTS, SOLD LOCALLY OR OTHERWISE DISPOSED OF DURING THE YEAR 1894-95—(*continued*).

Particulars.	Number or quantity.	Cubic feet.	Total of each head. Number or quantity.	Total of each head. Cubic feet.
(*b*).—*Drift.*				
Sál logs	372	6,931	...	...
,, ballies	612	4,077	...	...
Sissu logs	757	8,459	...	...
,, ballies	1,351	8,761	...	...
Deodar logs	18	281	...	...
,, ballies	8	36	...	...
Tun logs	50	826	...	...
,, ballies	9	63	...	...
Haldu logs	19	390	...	...
,, ballies	8	37	...	...
Asna logs	32	712	...	...
,, ballies	48	437	...	...
Sandan logs	2	9	...	...
,, ballies	12	41	...	...
Miscellaneous logs	133	4,172	...	...
,, ballies	135	1,101	...	...
Sal sleepers 6 × 8 × 4½	22	33	...	...
Asna planks	6	17	...	...
Sal scantlings	11	31	...	...
,, planks and slabs	47	44	...	...
,, beams	2	8	...	...
Sissu roots	28	48	...	...
Wrought timber	0	15	...	...
Canoes	33	320	...	...
Deodar beams	2	32	...	...
Bottom of large boats	1	...	...	...
Pieces of dugouts	10	...	...	...
Asna slabs	2	3	...	...
Sissu planks	2	3	...	...
,, slabs	2	4	...	...
Tikui logs	11	105	...	...
Miscellaneous planks	1	2	...	...
Boat planks	4	...	...	...
Champ logs	21	527	...	...
,, ballies	1	7	...	...
Jamun ballies	2	13	...	...
Sál sleepers	2	8	...	...
Babul pieces	1	9	...	...

Particulars.	Number or quantity.	Cubic feet.	Total of each head. Number or quantity.	Total of each head. Cubic feet.
TRANSFERRED TO OTHER SALE DEPÔTS.				
(*a*)—*Timber.*				
Sal logs	22	259	...	...
,, ballies	3,667	7,360	...	...
Large boats	5	...	3,694	7,619
(*b*)—*Firewood.*				
Fuel ... ... Mds,...	16,701	33,403	16,701	33,403
(*c*)—*Bamboos.*				
Bamboos	3,812	...	3,812	...
MADE OVER TO CLAIMANTS.				
(*a*)—*Drift.*				
Sissu logs	8	413	...	...
Sál ,, ...	43	669	...	...
,, ballies	12	164	...	...
Sissu ,, ...	13	425	...	...
Asna logs	4	117	...	...
,, ballies	1	27	...	...
Miscellaneous logs	30	1,753	...	...
,, ballies	3	194	...	...
Canoes	3	...	...	...
Sál scantlings	1	3	...	...
Tikui logs	2	23	...	...
Unreserved logs	1	16	...	...
Rapti canoes	1	17	...	...
Great Gandak canoes	1	17	...	...
Sál logs	26	309	149	4,147
INTER TRANSFER.				
Asna to sál	...	...	...	...
Asna sleepers 6 × 8 × 4½	911	1,366	911	1,366

Karma logs	3	59	...	...
Khair „	1	12	...	...
„ ballies	2	17	...	...
Siris „	3	26	...	...
Andh logs	1	25	...	...
Sanhal logs	2	66	...	...
Panan „	2	16	...	...
Received by correcting wrong terms.				
Sal ballies	3	42	...	...
Sissu logs	1	50	...	...
„ ballies	13	122	...	...
Asna „	3	32	...	...
Tikui „	1	11	...	...
Unreserved ballies	3	3	...	...
Boat planks	4	..	...	...
Rapti firewood	..	12,179	...	...
Great Gandak { fuel pieces / firewood } No. ...	1,941	7,352	5,760	71,405
	...	13,831	...	...
(c)—Firewood.				
Fuel ... ... Mds. ...	8,15,679	16,31,356		
Charcoal	100	200	8,15,779	16,31,556
TOTAL { No. / Mds. } ...	...	...	47,853 / 8,15,779	18,55,241
(d) Minor produce.				
Mahawa Mds. ...	97—10	...	...	...
Bark „ ...	17,739—10	...	...	...
Grass „ ...	83,544—0	...	...	...
Hides No. ...	83	...	...	...
	10—15	...	...	...
				Mds Seers.
Other produce Mds. ...	25—0	...	83	1,01,415—35
(e)—Bamboos.				
Bamboos	10,274	...	10,274	...
Received from the Forests and sold locally.				
(a)—Timber.				
Sal hollow logs	4	233	...	...
„ ballies	1,861	5,015	...	...
„ logs	3	69	...	...
Sissu planks...	1	1	...	..
Asna logs	10	195	...	...
Tikui planks	9	21	1,888	5,534
(b)—Firewood.	Hd. lds.	Mds.	Hd. lds.	Mds.
Fuel	4,157	6,235	4,157	6,235

Transferred to Dead Stock.				
(a)—Timber.				
Sál scantlings	5	5	5	5
Converted into correct terms.				
(a)—Timber.				
Sál ballies ... „ ...	20	30	...	...
„ battens	27	88	...	...
„ scantlings	91	43	...	...
Asna „	3	2	...	...
„ battens	119	63	...	...
Dhau „	20	29	280	255
GRAND TOTAL { No. / Mds. }	...	...	191,201 / 10.20,27,025	22,64,985
(b) Drift.				
Sál logs	3	42	...	...
Sissu logs	13	122	...	...
„ ballies	1	50	...	...
Asna logs	1	8	...	...
„ beams	2	24	...	...
Tikui logs	1	11	...	...
Unreserved logs	3	3	...	...
Dugouts	4	...	28	260
(c)—Firewood.				
Fuel Mds. ...	38,828	77,656	38,828	77,656
Burnt by engine.				
(a)—Firewood.				
Fuel Mds. ...	4,750	9,500	4,750	9,500
Wastage in saw-dust.				
Sissu	...	6	...	...
Asna	...	1	...	7
TOTAL DISPOSAL { No. ... / Mds. ... }	...	...	1,91,229 / 1,06,848-25	23,52,408

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

ACCOUNT OF TIMBER AND OTHER PRODUCE CUT OR COLLECTED BY GOVERNMENT AGENCY AND BROUGHT TO DEPÔTS, SOLD LOCALLY, OR OTHERWISE DISPOSED OF DURING THE YEAR 1894-95—(*continued*).

Particulars.	Number or quantity.	Cubic feet.	Total of each head. Number or quantity	Total of each head. Cubic feet.
RECEIVED BY CONVERSION IN DEPÔT.				
(*a*)—*Timber.*				
Sissu planks	57	80	..	...
„ slabs ... Mds. ...	11	22	...	...
Asna battens	170	12	...	...
„ scantlings	60	28	...	...
„ beams	3	26	290	168
			Mds. 11	
RECEIVED BY TRANSFER IN SALE DEPÔTS.				
(*a*)—*Timber.*				
Sal logs	22	259	...	...
„ ballies	3,667	7,360	3,689	7,619
(*b*)—*Firewood.*				
Fuel Mds. ...	12,701	26,588	12,701	26,588
(*c*)—*Bamboos.*				
Bamboos	3,812	...	3,812	...
RECEIVED BY ADJUSTMENT ON STOCK FORMS ON STOCK-TAKING.				
(*a*)—*Firewood.*				
Fuel Mds. ...	4,980	9,960	4,980	9,960
Carried forward { No. ...	...	...	72,046	2,15,110
Carried forward { Mds. ...	...	...	9,41,121—35	

Particulars.	Number or quantity.	Cubic feet.	Total of each head. Number or quantity.	Total of each head. Cubic feet.
BALANCE AT CLOSE OF THE YEAR.				
PILIBHÎT DIVISION.				
(*a*)—*Timber.*				
Sal ballies	128	220	128	220
(*b*)—*Firewood.*				
Fuel Mds. ...	4,523	9,046	4,523	9,046
KHERI DIVISION.				
(*a*)—*Timber.*				
Sal logs	589	25,582	...	...
„ ballies	2,410	1,459	...	...
Asna logs	210	7,660	...	...
„ ballies	31	113	...	...
Haldu logs	18	858	...	...
„ ballies	4	18	...	...
Sissu logs	5	207	...	...
Sal scantlings	30,727	14,979	...	...
„ sleepers ... { 6 × 8 × 6 = 3,816 = 7,632 ... / 6 × 8 × 4½ = 905 = 1,357 ... }	4,721	8,989	...	...
GRAND TOTAL, ... { No. ...	38,715	...	128	9,266
GRAND TOTAL, ... { Mds. ...	...	59,865	4,523	

(xxiv)

Received by correcting wrong terms.				
(a)—Timber.				
Sál scantlings	20	30	...	...
„ planks	97	54	...	...
„ slabs	21	77	...	...
„ ballies	9	14	...	...
Asna logs	1	6	...	...
„ ballies	10	9	...	...
„ beams	3	2	...	...
„ slabs	119	63	280	255
(b)—Firewood.				
Fuel ... ... Mds. ...	38,828	77,656	38,828	77,656
Miscellaneous Receipts.				
(a)—Timber.				
Sál ballies	6	9	...	...
„ scantlings	52	24	...	...
„ planks	6	3	...	...
„ „ ... Mds. ...	3	6	...	...
„ slabs	103	206	...	...
„ battens	99	15	...	...
„ beams	75	42	...	...
„ sleepers	39	43	277	348
	...	...	Mds. 106	...
Total Receipts ... { No.	...	...	72,603	19 83,369
Mds.	...	...	9,80,055 35	
Total, Opening Balance ... { No	...	...	2,07,054	16,92,598
Mds.	...	...	7,04,040	
Total ... { No.	...	...	2,79,657	36,75,967
Mds.	...	...	16,84,095 35	
Add fuel sl ort shown in opening balance in Bahraich last year ... ... Mds.	...	...	1,293	...
Grand Total ... { No	...	...	2,79,657	36,75,967
Mds.	...	...	16,85,388 35	

Asna sleepers { 6 × 8 × 6 = 218 = 436 ... / 6 × 8 × 4½ = 2,003 = 3,065 ... }	2,221	3,441	...	...
„ beams	2	37	...	...
Miscellaneous logs	5	138	...	...
„ ballies	2	9	...	...
Large boats	30	..	...	...
Dugouts	8	...	40,983	63,490
(b)—Drift.				
Sal logs	1	7	...	...
„ ballies	4	3	...	...
Sissu logs	56	772	...	...
„ ballies	213	1,309	...	...
Deodar logs	29	634	...	...
„ ballies	3	5	...	...
Tun logs	6	164	...	...
„ ballies	3	13	...	...
Haldu logs	2	139	...	...
„ ballies	6	48	...	...
Asna logs	3	160	...	...
„ ballies	3	24	...	...
Sandan logs	1	5	...	...
„ ballies	1	2	...	...
Deodar beams	1	23	...	...
Miscellaneous logs	8	145	...	...
„ ballies	51	93	...	...
Sál sleepers	5	7	...	...
Asna planks	2	5	...	...
Sál scantlings	3	9	...	...
„ planks	1	1	...	...
„ slabs	3	8	...	...
„ beams	3	36	...	...
Dugouts	2	...	...	...
Asna scantlings	1	3	...	...
Wrought timber	1	6	...	...
Sissu planks	2	3	...	...
„ roots	6	11	...	...
Piece of boat	1	...	421	3,636
(c)—Firewood.				
Fuel	69,889	1,39,777	69,889	1,39,777
(d) Minor produce.				
Baib grass ... ... Mds. ...	1,537 10	...	1,537 10	...
Bahraich Division.				
(a)—Timber.				
Sal logs	11	141	...	...
„ ballies	459	831	470	972
(b)—Drift.				
Sal logs	2	85	...	...
„ ballies	14	33	...	...
Sissu logs	9	182	...	...
„ ballies	81	458	...	...
Grand Total ... { No.	106	758	42,002	2,17,141
Mds.	...	...	75 949-10	

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

ACCOUNT OF TIMBER AND OTHER PRODUCE CUT OR COLLECTED BY GOVERNMENT AGENCY AND BROUGHT TO DEPÔTS, SOLD LOCALLY OR OTHERWISE DISPOSED OF, DURING THE YEAR 1894-95—(*concluded*).

Praticulars.	Number or quantity.	Cubic feet.	Total of each head. Number or quantity.	Total of each head. Cubic feet.	Particulars.	Number or quantity.	Cubic feet.	Total of each head. Number or quantity.	Total of each head. Cubic feet.
					Asna logs	7	193	...	...
					„ ballies	1	20	...	...
					Miscellaneous logs	18	755	...	...
					„ ballies	29	252	...	...
					Canoes	11	...	...	...
					Miscellaneous wrought timber	1	9	173	1,987
					(*c*)—*Firewood.*				
					Fuel ... ... Mds. ...	26,845	53,688	26,845	53,688
					(*d*)—*Minor produce.*				
					Bankas ... ... Mds. ...	1,417	...	1,417	...
					(*e*)—*Bamboos.*				
					Bamboos	39,459	...	39,459	...
					GONDA DIVISION.				
					(*a*)—*Timber.*				
					Sal logs	17	261	...	...
					„ ballies	34	52	...	...
					„ scantlings	210	216	...	...
					„ „ ... ... Mds.	4	8	...	...
					„ batten	464	75	...	...
					„ beams	86	79	...	...
					„ planks	6	3	...	...
					„ „ ... .. Mds.	3	6	...	...
					„ sleepers	39	43	...	...
					„ slabs ... ... Mds.	37	74	...	...
					Sissu logs	30	495	...	...
					„ planks	60	83	...	...
					„ slabs ... ... Mds.	11	22	...	...
					„ scantlings ... ... Mds.	2	5	...	...
					Asna logs	30	370	...	...
					„ beams	6	28	...	...
					„ battens	337	28	...	...
					„ scantlings	60	28	...	...
					Dhau logs	17	209	1,396 Mds 57	2,085

(157)

						(b)—*Drift.*				
						Sal logs	1	12	...	...
						„ planks	1	2	...	...
						Sissu logs	3	49	...	...
						„ ballies	8	39	...	...
						Asna logs	2	26	...	...
						„ ballies	2	13	...	...
						Unreserved logs	1	48	...	...
						„ ballies	2	12	...	...
						Boat planks	2	...	22	201
						(c)—*Firewood.*				
						Fuel ... ... Mds.	1,533	3,066	1,533	3,066
						(d)—*Minor produce.*				
						Mahawa flower ... ... Mds.	13	...	13	...
						GORAKHPUR DIVISION.				
						(a)—*Timber.*				
						Sal ballies	421	1,433		
						Sissu „	4,363	8,632		
						Sal logs	1	10		
						„ sleepers	68	109	4,853	10,184
						(b)—*Drift.*				
						Sal logs	28	388		
						Asna „	5	46		
						Sál ballies	287	1,880		
						Canoes	25	277		
						Asna ballies	6	46		
						Sál planks	1	1		
						Sissu logs	22	178		
						„ ballies	9	54		
						Haldu logs	2	25		
						„ ballies	2	9		
						Champ logs	4	129		
						Tun „	6	73		
						„ ballies	1	4		
						Panan logs	1	8		
						Sál sleepers	2	8		
						Fuel pieces	122	617		
						Firewood	...	12	523	3,755
						(c)—*Firewood.*				
						Fuel ... ... Mds.	5,15,726	10,31,452	5,15,726	10,31,452
						Total, Closing Balance ... No.	...	...	88,428	13,23,559
						Total, Closing Balance ... Mds.	...	...	6,21,540-10	
						Total, Disposals ... No.	...	...	1,91,229	23,52,408
						Total, Disposals ... Mds.	...	...	10,63,848-25	
GRAND TOTAL ...	No.	...	...	2,79,657	36,75,967	GRAND TOTAL ... No.	...	...	2,79,657	36,75,967
	Mds.	...	...	16,85,388-35		GRAND TOTAL ... Mds.	...	...	16,85,388-35	

DATED NAINI TAL:
The 20th September 1895.

J. E. CAMPBELL, COLONEL,
Offg. Conservator of Forests, Oudh Circle.

[Form No. 59.

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

ACCOUNT OF TIMBER AND OTHER PRODUCE CUT OR COLLECTED BY GOVERNMENT AGENCY AND BROUGHT TO DEPÔTS, SOLD LOCALLY, OR OTHERWISE DISPOSED OF, DURING THE YEAR 1894-95.

Particulars.	No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Balance in hand on 1st July 1894.				
Dehra Dun Division.				
Sal, shisham, tun logs, karis, ballas &c., including drift ...	1,028	3,299	1,028	3,299
Firewood and charcoal	...	25,184	...	25,184
Bamboos	80,000	...	80,000	...
Saháranpur Division				
Drift logs, gats, &c.	58	421	58	421
Firewood and charcoal	...	1,336	...	1,336
Bamboos	6	...	6	...
	Mds. Srs.		Mds. Srs.	
Dhak gum	19 20	...	19 20	...
Jaunsar Division.				
Broad gauge deodar sleepers	13,936	48,161		
Metre ditto ditto	1,15,086	1,79,109		
Fir, pine, deodar, sál, oak, &c., timber including drift ...	43,583	59,756	1,72,605	2,87,026
Firewood and Charcoal...	..	79,725	...	79,725
Crude resin... ... ... Mds. ...	579	..	579	...
Colophony ... ... „ ...	7	...	7	...
Turpentine ... ... Gallons ...	80	...	80	...
Deodar oil	27	...	27	...
Chír and Kail tar	39	...	39	...
Lime	..	100	...	100
Total balance. Timber	...	...	1,73,691	2,90,748
Firewood and charcoal	...	...	...	1,06,245
Bamboos	...	...	80,006	...

Particulars.	No or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Removed by purchasers from Depôts.				
Sal, &c., logs, ballas, tors beams, ballis, korwas. &c ...	2,251	1 822		
Broad gauge deodar sleepers	14,354	49,730		
Metre ditto ditto	1,11,001	1,74,913		
Fir. pine, deodar, sal, oak and tún timber ...	33,713	52,055		
Drift logs, timber, &c.	1,518	6,789	1,62,837	2,85,309
Firewood and charcoal	...	2,03,607	...	2,03,607
Bamboos	2,73,227	...	2,73,227	...
Gums (kino and jhingan) ... ... Mds. ..	20½	...	20½	...
Crude resin ... ... „ ...	20	...	20	...
Colophony ... ... „ ...	306	...	306	...
Turpentine ... ... Gallons ...	719	...	719	...
Chir and Kail tar ... ... Mds. ...	3	...	3	...
Grass pulas and loads ... ... No. ...	7,327	...	7,827	...
Lime	...	1	...	1
Sold locally.				
Sal and kukat poles	15,131	12,000		
Fir, pine and deodar scantlings	2,678	9,691		
Drift logs, karis and timber	192	778	18,001	22,469
Firewood and charcoal	...	93,211	...	93,211
Converted in Depôts and transferred to other Divisions.				
Broad gauge deodar sleepers	13	42		
Metre ditto ditto	13	20		
Deodar, fir, pine, &c, scantlings	70	89	96	151
Firewood	...	446	...	446

Total balance.	Crude resin	...	...	...	Mds.	...	...	...	579	...	Crude resin	...	...	... Mds. ...	490¼	..	490¼	...
	Colophony	...	...	...	„	...	...	...	7	...	Chír tar and pitch	...	...	„ ...	3	...	3	...
	Turpentine	...	...	...	Gallons	...	..	...	80	...								
	Deodar oil	..	..	...	„	...	...	...	27	...	*Lost or written off.*							
	Chír and Kail tar	...	.	...		..	...	..	39	...	Ballas and tors ..	...	...	...	196	299		
	Lime	...	...	...	...	..	...	...	...	100	B. G. deodar sleepers	..	...	...	490	1,590		
											M G. ditto	...	...	..	9,812	14,718		
	Dhák gum	...	...	..	Mds	..	...	...	Mds srs 19 20	...	Fir, pine and deodar scantlings	...	..		229	3 2		
											Drift logs, sleepers, bargas, &c.	...	...		65	775	10,792	17,774
	Received from the forest as Depôts										Firewood	...	...	...	...	898	...	898
											Drift timber, &c., sold.							
	Sal, tun, &c., logs, beams, ballas, ballis, tor, &c.					..	1,888	1,281										
	Broad gauge deodar sleepers		...	...		...	1,125	3,891			Logs and gats	...	...	...	797	9,919		
	Metre ditto ditto		..	...		..	1,30,538	2,05,408			Sleepers, karis, bargas	...	...	...	753	1,223		
	Fir, pine, deodar, oak and tun scantlings			...		...	18,414	21,940	1,51,965	2,32,520	Planks	...	...	...	105	77	1,655	11,219
	Firewood and charcoal	...	...	...		...	...	1,89,776	...	1,89,776	Firewood	...	...	...	...	17,667	...	17,667
	Bamboos	...	...	...	...	...	2,34,440	...	2,34,440	...	*Used by Department.*							
	Jhingan gum	...	...	...	Mds	...	1	...	1	..								
	Crude resin	...	...	...	„	...	660¼	...	660¼	...	Sal ballas and tors	...	...	..	66	160		
	Colophony	...	...	...	„	...	310	...	310	...	Sal ballis and korwas	...	...	...	24	16		
	Turpentine	...	...	...	Gallons	...	658	...	658	...	Sal, sissu and kukat logs and poles	..	...		109	160		
	Deodar oil	...	...	...	„	...	9	...	9	...	M. G deodar sleepers	...	...	...	33	50		
	Chír and Kail tar	...	...	...	Mds.	...	18	...	18	...	Fir, pine, deodar timber &c. .		...	...	8,902	3,585		
	Lime	...	...	...	...	...	...	309	...	309	Drift logs, sleepers, karis, timber, &c.	...	...		109	154	9,243	4,125
	Grass, pulas and loads	...	..	...		...	7,327	...	7,327	...	Firewood and charcoal	...	...	...		3,447	...	3,447
											Bamboos	...	...	...	3,926	...	3,926	...
	Departmental collection of drift timber from the Ganges and Jumna.										Turpentine	...	...	... Gallons	6	...	6	..
											Deodar oil	...	...	... „	3	...	3	...
	Drift logs, gats, karis, sleepers, bargas, &c.		...			...	4,209	21,726	4,209	21,726	Chir and kail tar	...	...	... Mds.	7	...	7	...
	Firewood and charcoal	...	...			...	..	1,04,437	...	1,04,437	Lime	...	...	...	...	150	...	150
											Balance at close of year.							
											DEHRA DÚN DIVISION.							
											Sal ballas, and tors	...	...	...	83	161		
											Karris, bargas, &c.	...	...	...	10	12		
											Drift logs, karis, &c	...	...	...	1,196	4,752	1,289	4,925
											Firewood and charcoal			...	...	16,868	...	16,868
											Bamboos	...	...	...	36,333	...	36,333	...

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

ACCOUNT OF TIMBER AND OTHER PRODUCE CUT OR COLLECTED BY GOVERNMENT AGENCY AND BROUGHT TO DEPÔTS, SOLD LOCALLY OR OTHERWISE DISPOSED OF, DURING THE YEAR 1894-95—(*continued*).

Particulars.	No. or quantity.	Cubic feet	Total of each head. No. or quantity.	Total of each head. Cubic feet
Received from the forest and sold locally.				
Sál and kukat poles	15,131	12,000		
Fir, pine and deodar scantlings	2,678	9,691	17,809	21,691
Firewood and charcoal	...	26,427	...	26,427
Received from the forest for Departmental use.				
Sál, sissu and kukat logs	9	85		
Ditto do. poles	100	75	109	160
Bamboos	1,040	..	1,040	...
Timber			3,47,783	5,66,843
Firewood and charcoal			...	4,26,885
Bamboos			3,15,486	..
Crude resin ... .. Mds.			1,239½	...
Colophony ... ... „			317	...
GRAND TOTAL... Turpentine ... ... Gallons			738	...
Deodar oil ... ... „			36	...
Chir and Kail tar and pitch ... Mds.			57	...
Lime			...	409
Grass pulas and loads			7,327	...
Kino and Jhingan gum ... Mds.			20½	...

Particulars.	No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
SAHÁRANPUR DIVISION.				
Drift firewood and charcoal	...	1,110	...	1,110
Bamboos	2,000	..	2,000	...
JAUNSAR DIVISION.				
Broad gauge deodar sleepers	204	690		
Metre ditto ditto	1,24,765	1,94,816		
Fir, pine, deodar, sal, &c., timber	18,744	25,184		
Drift timber	157	181	1,43,870	2,20,871
Firewood and charcoal	...	89,631	...	89,631
Crude resin ... ... Mds.	729	..	729	...
Colophony ... ... „	11	...	11	...
Turpentine ... ... Gallons	13	...	13	...
Deodar oil .. .. „	33	...	33	..
Chir and kail tar ... ... Mds.	44	...	44	...
Lime	...	258	...	258
Total balance... Timber	...	...	1,45,159	2,25,796
Firewood and charcoal	...	...	..	1,07,609
Bamboos	...	...	38,333	...
Crude resin ... Mds	...	...	729	..
Colophony ... „	...	...	11	...
Turpentine ... Gallons	...	..	13	...
Deodar oil ... „	...	...	33	...
Chir and Kail tar ... Mds	...	...	44	...
Lime	...	...	...	258
GRAND TOTAL .. Timber	...	...	3,47,783	5,66,843
Firewood and charcoal ...	...	...	...	4,26,885
Bamboos	...	...	3,15,486	..
Crude resin ... Mds	...	..	1,239½	...
Colophony ... „	..	...	317	...
Turpentine ... Gallons	...	...	738	...
Deodar oil ... „	...	...	36	...
Chir and Kail tar and pitch Mds.	...	...	57	..
Lime	...	...	...	409
Grass pulas and loads .	...	...	7,327	...
Kino and Jhingan gum Mds.	...	...	20½	...

ABSTRACT.

Timber including drift.									
Balance at commencement of year	...	2,90,746			Removed by purchasers from depôts	...	2,85,309		
Received from the forest in depôts	...	2,32,520			Sold locally	...	22,469		
Departmental collection of drift timber from the Ganges and Jumna.	...	21,726			Converted in depôts and transferred to other Divisions,	...	151		
					Lost or written off	...	17,774		
Received from the forest and sold locally	...	21,691			Drift timber, &c., sold	...	11,219		
					Used by department	...	4,125		
Ditto for departmental use	...	160	...	5,66,843	Balance at close of year	...	2,25,796	...	5,66,843
Firewood and charcoal.									
Balance at commencement of year	...	1,06,245			Removed by purchasers from depôts	...	2,03,607		
					Sold locally	...	93,211		
Received from the forest in depôts	...	1,89,776			Converted in depôts and transferred to other Divisions,	...	446		
					Lost or written off	...	898		
Departmental collection of drift timber from the Ganges and Jumna.	...	1,04,437			Drift timber, &c., sold	...	17,667		
					Used by department	...	3,447		
Received from the forest and sold locally	...	26,427	...	4,26,885	Balance at close of the year...	...	1,07,609	...	4,26,885
Bamboos.									
Balance at commencement of year	80,006	...			Removed by purchasers from depôts	2,73,227	...		
Received from the forest in depôts	2,34,440	...			Used by department	3,926	...		
Ditto for departmental use	1,040	...	3,15,486	...	Balance at close of the year...	38,333	...	3,15,486	...
Crude resin.	Mds.		Mds.			Mds.			
Balance at commencement of year	579	...			Removed by purchasers from depôts	20	...		
					Converted in depôts and transferred to other Divisions,	490¼	...		
Received from the forest in depôts	660¼	...	1,239¼	...	Balance at close of the year	729	...	1,239¼	...
Colophony.									
Balance at commencement of year	7	...			Removed by purchasers from depôts	306	...		
Received from the forest in depôts	310	...	317	...	Balance at close of the year	11	...	317	...
Turpentine.									
Balance at commencement of year	80	...			Removed by purchasers from depôts	719	...		
					Used by department	6	...		
Received from the forest in depôts	658	...	738	...	Balance at close of the year...	13	...	738	...
Deodar oil.									
Balance at commencement of year	27	...			Used by department	3	...		
Received from the forest in depôts	9	...	36	...	Balance at close of year	33	...	36	...
Chir, Kail tar and pitch.									
Balance at commencement of year	39	...			Removed by purchasers from depôts	3	...		
					Converted in depôts and transferred to other Divisions,	3	...		
					Used by department	7	...		
Received from the forest in depôts...	18	...	57	...	Balance at close of the year...	44	...	57	...

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FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

ACCOUNT OF TIMBER AND OTHER PRODUCE CUT OR COLLECTED BY GOVERNMENT AGENCY AND BROUGHT TO DEPÔTS, SOLD LOCALLY, OR OTHERWISE DISPOSED OF DURING THE YEAR 1894-95—(*concluded*).

Particulars.	No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.	Particulars.	No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Lime.									
Balance at commencement of year ...	...	100			Removed by purchasers from depôts ...	...	1		
					Used by department ...	...	150		
Received from the forest in depôts...	...	309	...	409	Balance at close of year ...	...	258	...	409
Grass pulas and loads.									
Received from the forest in depôts ...	7,327	...	7,327	...	Removed by purchasers from depôts ...	7,327	...	7,327	...
Kino and Jhingan gum.									
Balance at commencement of year ...	19½	...			Removed by purchasers from depôts ...	20½	...	20½	...
Received from the forest in depôts...	1	...	20½	...					

DATED DEHRA DUN:
The 16th September 1895,

A. SMYTHIES,
Offg. Conservator of Forests, School Circle, N.-W. P and Oudh.

[Form No. 60.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

ABSTRACT SHOWING THE VALUE OF TIMBER AND OTHER PRODUCE AT SALE DEPÔTS FOR THE YEAR 1894-95.

Description of timber and other produce.	On hand at commencement of the year.			On hand at close of the year.			Difference in value.		Remarks.
	No.	C. ft.	Value.	No.	C. ft.	Value.	In favor of the year.	Against the year.	
			Rs.			Rs.	Rs.	Rs.	
Timber Sale depôts.									
Sal kuries	78	127	63	78	127	61	...	2	
„ planks	414	319	160	414	319	155	...	5	
„ &c., ballies	200	444	55	...	...	...	...	55	
Tún planks	63	32	8	63	32	7	...	1	
Haldu „	2	2	...	2	2	1	1	...	
Shisham „	109	54	27	109	54	26	...	1	
Miscellaneous ballies... ...	2,036	3,044	503	3,564	5,416	454	...	109	
Kiras	1	1	...	1	1	...	...	...	
Kurias	13,750	13,750	69	4,888	4,888	36	...	33	
Total ...	16,653	17,773	945	9,110	10,839	740	1	206	
Forest depôts.									
Miscellaneous Ballies ...	995	1,474	249	608	912	131	...	118	
Kiras	...	...	...	...	...	...	...	...	
Kurias	750	750	4	2,125	2,125	16	12	...	
Total ...	1,745	2,224	253	2,783	3,037	147	12	118	
Total, Timber ...	18,398	19,997	1,198	11,852	13,876	887	13	324	
Firewood, charcoal, bamboos, &c., sale depôts.									
Firewood Mds.	34,402	47,742	8,077	64,404	83,490	19,254	11,177	...	
Charcoal „	...	...	...	..	...	...	...	...	
Bamboos Nos.	89,797	...	721	2,20,602	...	2,206	1,485	...	
Total ...	...	47,742	8,798	2,85,006	83,490	21,460	12,662	...	
Forest depôt.									
Firewood Mds.	30	60	4	60	120	6	2	...	
Charcoal „	700	7,000	280	...	...	...	...	280	
Bamboos Nos.	53,315	...	335	43,082	...	430	95	...	
Grass bundles „	92,000	...	46	1,42,500	...	35	...	11	
Mahua Mds.	...	...	...	71	...	35	35	...	
Chirounji „	...	...	...	2	...	13	13	...	
Total ...	...	7,060	665	...	120	519	145	291	
Total, Firewood, &c. ...	...	54,802	9,463	...	83,610	21,979	12,807	291	
Grand Total ...	...	...	10,661	...	...	22,866	12,205	...	
Total for 1893-94 ...	...	...	3,788	...	...	10,661	6,923	...	

NAINI TAL:
The 19th September 1895.

E. P. DANSEY,
Conservator of Forests, Central Circle, N.-W. P. and Oudh.

[Form No. 60A.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH W-ESTERN PROVINCES AND OUDH.

ABSTRACT SHOWING THE VALUE OF LIVE AND DEAD STOCK FOR THE YEAR 1894-95.

Description of timber and other produce.	On hand at commencement of the year.			On hand at close of the year.			Difference in value.		Remarks.
	No.	C. ft.	Value.	No.	C. ft.	Value.	In favour of the year.	Against the year.	
						Rs.	Rs.	Rs.	
Live stock.									
Elephants	10	...	15,550	9	...	15,650	100	...	
Total Live Stock ...	10	...	15,550	9	...	15,650	100	...	
Dead stock.									
Buildings	244	...	1,53,044	262	...	1,65,245	12,201	...	
Wells	19	...	7,983	19	...	7,847	...	136	
Tools and Plant	10,985	...	26,501	11,993	...	28,537	2,036	...	
Office and rest house furniture including almirahs.	1,348	...	5,598	1,416	...	5,596	...	2	
Miscellaneous	916	...	393	923	...	490	97	...	
Total, Dead Stock ...	13,512	...	1,93,519	14,613	...	2,07,715	14,334	138	
Grand Total ...	...	...	2,09,069	...	..	2,23,365	14,434	138	
Net difference	...	...	...	...	...	...	14,296	...	

NAINI TAL:
The 19th September 1895.

E. P. DANSEY,
Conservator of Forests, Central Circle,
N.-W. P. and Oudh.

[Form No. 60

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

ABSTRACT SHOWING THE VALUE OF TIMBER AND OTHER PRODUCE AT SALE DEPÔTS FOR THE YEAR 1894-95.

Description of Timber and other produce.	On hand at commencement of the year.			On hand at close of the year			Difference in Value		Remarks.
	No.	C. ft.	Value.	No.	C. ft.	Value	In favor of the year	Against the year.	
Timber.			Rs.			Rs.	Rs.	Rs.	
Sal logs and pieces ...	600	25,124	12,561	619	26,006	6,606	...	5,955	
,, ballies ...	24,617	79,793	9,409	3,452	3,905	1 152	..	8,257	
Asna logs ...	221	70,966	1,026	242	8,056	1,056	30	...	
,, ballies ...	71	202	14	33	126	4	...	10	
Haldu logs ...	18	1,222	305	18	858	214	...	91	
,, ballies ...	4	18	1	4	18	1	...	...	
Sissu logs ...	26	474	163	38	751	324	161	..	
Sal scantlings ...	31,908	16,208	15,944	30,937	15,195	3,826	...	12,118	
Sal sleepers 6×8×6 ...	4,177	8,354	8,354	3,816	7,632	1,908	...	6,446	
,, ,, 6×8×4½ ...	99,261	1,48,891	1,48,891	905	1,357	339	...	1,48,552	
Asna ,, 6×8×6 ...	218	436	218	218	436	109	...	109	
,, ,, 6×8×4½ ...	8,186	12,279	6,139	2,003	3,005	751	...	5,388	
,, beams ...	...	...	..	8	65	39	39	...	
Large boats ...	34	...	14,263	30	...	2,610	...	11,653	
Dugouts ...	137	...	2,871	8	...	172	...	2,699	
Miscellaneous ballies ...	1,257	4,112	136	4	21	1	...	135	
,, logs ...	11	290	45	6	186	26	...	19	
Sal battens ..	471	266	100	464	75	28	...	72	
,, beams ...	12	48	18	86	79	30	12	...	
Asna scantlings ...	5	22	8	60	28	10	2	...	
,, battens ...	386	143	53	337	28	10	...	43	
Tikul logs ...	3	62	15	...	...	...	...	15	
Dhau ballies ..	22	43	3	...	...	...	..	3	
Sal scantlings mds	4	8	8	4	8	3	...	...	
Asna beams ...	4	61	36	...	...	...	...	36	
Sissu scantlings mds.	2	5	1	2	5	1	...	...	
Sal planks ...	...	...	...	7	5	2	2	...	
,, ,, mds.	...	...	...	3	6	2	2	..	
,, sleepers ...	...	...	...	39	43	19	19	...	
,, slabs mds.	...	...	...	37	74	9	9	...	
Sissu planks ...	...	...	...	60	83	31	31	.	
,, slabs mds.	...	...	...	11	22	3	3	...	
Dhau logs ...	...	...	...	17	269	52	52	..	
Sissu ballies ...	...	...	...	4,371	8,671	332	332	...	
Boat planks ...	...	...	...	2	...	2	2	...	
Sleeper pieces ...	5	5	1	68	109	34	33	...	
Drift.									
Sal logs ..	52	1,537	580	31	480	256	..	324	
Sal logs and ballies ...	1,042	3,702	1,736	305	1,916	953	...	783	
Sissu logs ...	108	1,921	608	87	1,132	331	...	277	
,, ballies ...	463	3,004	122	303	1,821	123	1	...	
Deodar logs ...	35	760	122	29	634	77	...	45	
,, ballies ...	5	16	1	3	6	3	2	...	
Tun logs ...	2	115	29	12	237	61	32	...	
,, ballies ...	2	11	5	4	17	19	14	...	
Haldu logs ...	1	70	17	4	164	47	30	...	
,, ballies ...	5	41	1	8	57	5	4	...	
Asna logs ...	19	507	147	15	399	94	...	53	
,, ballies ...	94	491	167	10	90	25	...	142	
Sandan logs ...	1	5	1	1	5	1	...	...	
,, ballies ..	...	...	...	1	2	...	...	...	
Deodar beams ...	1	23	6	1	23	6	...	...	
Miscellaneous ...	15	324	53	26	900	143	90	...	
,, ballies ...	78	387	12	80	345	25	13	...	
Planks ...	10	16	7	...	..	...	...	7	
Sal sleepers ...	10	15	7	7	15	6	...	1	
Asna planks ...	...	...	...	2	5	2	2	...	
Sal scantlings ...	2	4	1	3	9	2	1	...	
,, planks and slabs -	5	8	1	5	10	2	1	...	
,, beams ...	4	46	17	3	36	13	...	4	
Dugouts ..	13	...	176	2	...	6	...	170	
Asna beams ...	4	49	12	...	...	...	...	12	
,, scantlings ...	1	3	...	1	3	1	1	...	
Wrought timber ...	28	97	13	2	15	1	...	12	
Carried forward ...	...	...	...	...	...	...	...	...	

[Form No. 60.

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVNCES AND OUDH.

ABSTRACT SHOWING THE VALUE OF TIMBER AND OTHER PRODUCE AT SALE DEPÔTS FOR THE YEAR 1894-95—(*concluded*).

Description of Timber and other produce.	On hand at commencement of the year.			On hand at close of the year			Difference in value.		Remarks.
	No.	C ft.	Value.	No.	C. ft	Value	In favor of the year.	Against the year.	
			Rs.			Rs.	Rs.	Rs.	
Brought forward ...	...	...	...	...	...	...	...	...	
Sissu planks ...	...	...	...	2	3	1	1	...	
„ roots ...	...	...	...	6	11	1	1	...	
Pieces of boats ...	...	...	...	1	...	...	...	...	
Canoes ...	25	227	113	36	277	248	135	...	
Champ logs ...	7	24	12	4	129	64	52	...	
Karma ballies ...	2	24	12	...	...	...	...	12	
Sanan logs ...	...	...	...	1	8	4	4	..	
Fuel pieces ...	...	...	...	122	617	154	154	...	
Firewood ...	7	14	7	...	12	3	...	4	
Firewood and charcoal.									
Firewood and charcoal, Mds	6,86,597	13,73,195	77,097	6,18,516	12,37,029	57,487	...	19,610	
Minor produce.									
Baib Mds. ...	11,954	...	10,516	1,537-10	...	1,249	...	9,154	
Bankas „ ...	5,436			1,417	...	100			
Mahawa flower „ ...	39			...	...	...	1,362		
Other produce „ ...	1			13	..	13			
Bamboos.									
Bamboos ...	33,366	...	2,045	39,459	...	1,972	...	73	
			Abstract.						
Timber No.	1,71,654	3,06,032	2,20,578	47,852	77,152	19,706	729	2,01,601	
Timber Mds.	6			57					
Drift No.	2,034	13,371	3,085	1,117	9,378	2,677	538	1,846	
Drift Mds.	7								
Firewood and charcoal Mds.	6,86,597	13,73,195	77,097	6,18,516	12,37,029	57,487	...	19,610	
Minor produce Mds.	17,430		10,516	2,967 10	...	1,362	...	9,154	
Bamboos ...	33,366	...	2,045	39,459	...	1,072	...	73	
Total No.	2,07,054	16,92,598	3,14,221	88,428	13,23,559	83,204	1,267	2,32,284	
Total Mds.	7,04 040			6,31,540-10					

Net difference against the year, Rs. 2,31,017.

DATED NAINI TAL:
The 20th September 1895.

J. E. CAMPBELL, COLONEL,
Offg. Conservator of Forests, Oudh Circle.

No. 60A.

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

ABSTRACT SHOWING THE VALUE OF TIMBER AND OTHER PRODUCE AT SALE DEPÔTS FOR THE YEAR 1894-95.

Description of timber and other produce.	On hand at commencement of the year.			On hand at close of the year.			Difference in Value.		Remarks.
	No.	C. ft.	Value.	No.	C. ft.	Value.	In favour of the year.	Against the year.	
			Rs.			Rs.	Rs.	Rs.	
Direction Division.									
Dead stock	139	...	1,132	160	...	1,248	116	...	
Pilibhit Division.									
Live stock	1	...	1,098	1	...	988	...	...	
Dead stock	*1,521	..	1,727	1,090	...	1,742	...	...	* 40, omitted in last return and now added.
Buildings	36	...	8,170	40	...	10,030	...	...	
Total ...	1,558	...	10,995	1,131	...	12,760	1,765	...	
Kheri Division.									
Live stock	3	...	6,100	4	...	8,900	...	...	
Dead stock	10,967	...	12,147	6,468	...	9,836	...	...	
Buildings	55	...	49,203	46	...	54,638	...	...	
Total ...	11,025	...	67,750	6,518	...	73,374	5,624	...	
Bahraich Division.									
Live stock	10	...	2,035	10	...	2,335	...	...	
Dead stock	2,258	...	4,774	2,378	...	4,800	...	...	
Building	32	...	46,000	34	...	48,106	...	...	
Total ...	2,300	...	53,109	2,422	...	55,241	2,132	...	
Gonda Division.									
Live stock	1	...	2,000	1	...	2,000	...	...	
Dead stock	1,20,755	...	48,883	4,907	...	48,266	...	...	
Buildings	52	...	29,778	49	...	34,153	...	...	
Total ...	1,20,808	...	80,661	4,957	...	84,419	3,758	...	
Gorakhpur Division.									
Live stock	2	...	2,340	1	...	800	...	...	
Dead stock	1,706	...	6,291	1,036	...	7,141	...	...	
Buildings	37	...	28,031	44	...	32,795	...	...	
Total ...	1,745	...	36,662	1,981	...	4,0736	4,074	...	
ABSTRACT.									
Live stock	17	...	1,4173	17	...	15,023	850	...	
Dead stock	1,37,346	..	74,954	16,939	...	73,033	...	1,931	
Buildings	212	...	1,61,182	213	...	1,79,722	18,540	...	* Less Rs. 5,000 for deterioration.
		Deduct...	*5,000		Deduct ..	*5,000			
Total ...	1,37,575	...	2,45,309	17,169	...	2,62,778	19,390	1,921	

Net difference against the year, Rs. 17,469.

DATED NAINI TAL:
The 20th September 1895.

J. E. CAMPBELL, COL.,
Officiating Conservator of Forests, Oudh Circle.

[Form No. 60.

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

ABSTRACT SHOWING THE VALUE OF TIMBER AND OTHER PRODUCE AT SALE DEPÔTS FOR THE YEAR 1894-95.

Description of Timber and other produce.	On hand at commencement of the year.			On hand at close of the year.			Difference in value		Remarks.
	No	C ft	Value	No.	C ft.	Value	In favor of the year	Against the year	
Dehra Dún Division.			Rs			Rs	Rs	Rs	
Sal scantlings	10	12	1	10	12	1	...	...	
Rollers	1	15	2	...	...	...	...	2	
Ballas and tors	689	1,036	255	83	161	40	..	215	
Miscellaneous pieces	42	126	40	...	.	...	...	40	
Shisham and tun logs (drift)	185	1904	300	312	3,604	1,215	915	...	
Sleepers, karris, &c. do.	101	206	60	884	1,743	391	331	...	
Firewood	...	25,184	441	...	16,868	400	...	41	
Bamboos	80,000	...	1,200	36,333	...	850	..	350	
Total ...	...	...	2,299	...	...	2,897	1,246	648	
Saháranpur Division									
Logs, pieces &c, (drift)	58	421	50	...	...	...	...	50	
Firewood	...	790	36	263	1,054	66	30	...	
Charcoal	5,426½	110	27	11	66	5	...	22	
Bamboos	6	...	...	2,000	...	25	25	...	
Total ...	...	...	113	...	...	96	55	72	
Jaunsár Division.									
Broad gauge deodár sleepers	13,034	48,161	27,868	204	690	408	...	27,460	
Metre ditto	1,15,086	1,79,109	1,72,629	1,24,765	1,94,816	1,87,147	14,518	...	
Deodár, fir, kail, tun and miscellaneous timber including drift &c	43,582	59,756	38,135	18,901	25,365	16,538	...	21,597	
Firewood and charcoal	...	78,099	14,839	...	89,215	16,951	2,112	..	
Ditto loads	...	1,626	152	...	416	39	...	113	
Pine resin	...	...	2,583	...	...	3,280	697	...	
Turpentine	...	...	161	...	...	26	...	135	
Colophony	...	...	20	...	...	55	26	...	
Chír and kail tar	...	...	118	...	...	132	14	...	
Deodár oil	...	...	82	...	...	74	...	8	
Lime	...	100	37	—	...	95	58	..	
Total ...	...	...	2,56,633	...	...	2,24,745	17,425	49,313	
GRAND TOTAL .	...	...	2,59,045	...	...	2,27,738	18,726	50,033	

Net difference against the year Rs. 31,307.

DEHRA DÚN:
The 16th September 1895.

A. SMYTHIES,
Officiating Conservator of Forests, School Circle, N.-W. P and Oudh.

[Form No. 60A.

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH WESTERN PROVINCES AND OUDH.

ABSTRACT SHOWING THE VALUE OF TIMBER AND OTHER PRODUCE AT SALE DEPÔTS FOR THE YEAR 1894-95.

Description of Timber and other produce.	On hand at commencement of the year.			On hand at close of the year			Difference in value.		Remarks.
	No.	C. ft.	Value.	No.	C. ft.	Value	In favor of the year.	Against the year	
Direction Division.			Rs			Rs	Rs.	Rs.	
Surveying and other instruments ...	1	...	65	1	...	65	...	...	
Office furniture	57	...	700	57	...	700	...	...	
Tents and shoulderies	8	...	620	11	...	785	165	...	
Buildings and building materials ...	2	...	1,500	2	...	1,500	...	...	
Miscellaneous	31	...	302	32	...	310	8	...	
Elephant	1	...	2,500	1	...	2,400	...	100	
Total ...	...	...	5,687		...	5,760	173	100	
Dehra Dún Division.									
Surveying and other instruments ...	68	...	419	69	...	426	7	...	
Tools	1,979	...	1,414	2,120	...	1,475	61	...	
Office furniture	458	...	908	500	...	1,000	11	...	
Tents	12	...	265	12	...	256	...	9	
Buildings and building materials ...	89	...	19,499	97	...	19,941	442	...	
Miscellaneous	1,202	...	1,396	1,259	...	1,446	70	...	
Elephant	1	...	2,200	1	...	2,090	...	110	
Total ...	3,809	..	26,191	4,058	...	26,663	591	119	
Sahárunpur Division.									
Surveying and other instruments ...	19	...	279	19	...	279	...	...	
Machinery and tools	935	...	660	939	...	660	...	...	
Office furniture	216	...	1,491	222	...	1,475	...	16	
Tents	9	...	500	6	...	400	...	100	
Buildings and building materials ...	58	...	15,178	59	...	16,916	1,738	...	
Miscellaneous	450	...	1,265	445	...	1,218	...	47	
Elephants	1	...	2,300	1	...	2,300	...	...	
Buffaloes	3	...	37	3	...	37	...	...	
Total ...	...	...	21,710	16,05	...	23,285	1,738	163	
Jaunsár Division.									
Surveying and other instruments ...	85	...	706	67	...	718	5	...	
Machinery	11	...	172	11	...	165	...	7	
Tools	2,523	...	2,997	2,579	...	2,970	...	27	
Office furniture	73	...	553	81	...	551	...	2	
Tents	10	...	422	13	...	556	134	...	
Buildings and building materials ..	454	...	46,327	456	...	46,955	628	...	
Miscellaneous	260	...	507	265	...	533	26	...	
Total ...	...	...	51,686	...	...	52,443	793	36	
GRAND TOTAL ...	...	...	1 05,274	...	...	108,151	3,295	418	

Net difference in favour of the year Rs. 2,877.

DEHRA DÚN:
The 16th September 1895.

A SMYTHIES,
Officiating Conservator of Forests, School Circle, N.-W. P. and Oudh.

[Form No. 61.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

FOREST ANNUAL SUMMARY OF REVENUE OF THE DIFFERENT DIVISIONS FOR 1894-95.

Budget heads.	Direction.	Naini Tal Division.	Kumaun Division.	Garhwál Division	Ganges Division.	Bundelkhand Division.	Total.
REVENUE.	Rs.	Rs	Rs.	Rs.	Rs.	Rs.	Rs.
I.—*Timber and other produce removed from the forests by Government agency—*							
a. Timber	...	...	...	1,887	...	1,281	3,168
b. Firewood and charcoal	...	54,815	...	...	3,966	1,327	60,108
c. Bamboos	...	...	...	...	...	5,478	5,478
d. Sandal wood	...	...	...	...	...	...	...
e. Grass and other minor produce	...	...	...	...	...	547	547
Total I	...	54,815	...	1,887	3,966	8,633	69,301
II.—*Timber and other produce removed from the forests by consumers or purchasers—*							
a Timber	...	13,627	88,836	1,48,498	43,278	2,185	2,96,424
b. Firewood and charcoal	...	11,468	4,037	2,443	2,156	1,224	21,328
c. Bamboos	...	60	2,799	23,351	1,21,639	953	1,48,802
d. Grazing and fodder grass	...	4,330	7 194	4,357	7,597	9,867	33,345
e. Other minor produce	...	2,745	22,603	8,493	6,949	4,983	45,773
Total II	...	32,230	1,25,469	1,87,142	1,81,619	19,212	5,45,672
III.—*Drift and waif wood and confiscated forest produce—*	...	...	7	1,060	3	17	1,087
Total III	...	...	7	1,060	3	17	1,08
IV.—*Revenue from forests not managed by Government—*							
a. Duty on foreign timber and other forest produce	...	...	...	...	...	...	...
b. Revenue from shared and private forest	...	...	...	...	...	...	...
Total IV	...	...	...	...	...	...	...
V.—*Miscellaneous—*							
a. Fines and forfeitures	...	...	11	29	217	...	257
b. Refunds	...	1	7	...	17	4	29
c Other sources	489	553	334	1,750	759	552	4,437
Total V	489	554	352	1,779	993	556	4,723
GRAND TOTAL, REVENUE	489	87,599	1,25,828	1,91,868	1,86,581	28,418	6,20,783

CALCUTTA :
The 31st August 1895.

I. C. BOSE,
Assistant Comptroller-General, Forests.

(93)

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

FOREST ANNUAL SUMMARY OF EXPENDITURE OF THE DIFFERENT DIVISIONS FOR 1894-95.

Budget Heads.	Direction.	Naini Tal Division.	Kumaun Division.	Garhwál Division.	Ganges Division.	Bundelkhand Division.	Total.
1	2	3	4	5	6	7	8
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I.—*Timber and other produce removed from the Forests by Government Agency—*							
a. Timber	...	...	...	185	11	551	747
b. Firewood and charcoal	...	45,731	...	...	4,342	696	50,769
c. Bamboos	...	...	...	...	...	3,678	3,678
d. Sandal-wood	...	...	...	...	...	...	...
e. Grass and other minor produce	...	...	...	...	125	...	125
Total A. I	...	45,731	...	185	4,353	5,050	55,319
II.—*Timber and other produce removed from the Forests by Consumers or Purchasers*	...	2,043	7,015	7,681	10,860	2,249	29,848
Total A II	...	2,043	7,015	7,681	10,860	2,249	29,848
III.—*Drift and waif wood and confiscated Forest Produce*	...	...	...	...	3	...	3
Total A. III	...	...	...	...	3	...	3
IV.—*Revenue from Forests not managed by Government—*							
a. Duty on foreign timber and other forest produce	...	...	...	...	...	...	...
b. Revenue from shared and private forests	...	...	...	...	...	...	...
Total A. IV	...	...	...	...	...	...	...
V.—*Rent of leased Forests and payments to Shareholders in Forests managed by Government*	...	...	...	...	1,000	180	1,180
Total A. V	...	...	...	...	1,000	180	1,180
VI.—*Live Stock, Stores, Tools and Plant—*							
a. Purchase of cattle	...	...	...	...	...	...	...
b. Feed and keep of cattle	714	...	1,016	2,535	1,090	...	5,345
c. Purchase of stores, tools and plant	292	1,267	449	583	652	..	3,243
Total A. VI	1,006	1,267	1,465	3,118	1,732	...	8,588
VII.—*Communications and buildings—*							
a. Roads and bridges	...	2,311	5,410	19,516	6,230	614	34,061
b. Buildings	48	3,548	999	4,990	6,784	2,693	19 262
c. Other works	119	398	238	534	344	20	1,653
Total A. VII	167	6,257	6,647	25,040	13,358	3,527	54,996
VIII.—*Organisation, improvement and extension of Forests—*							
a. Demarcation	...	128	200	204	559	60	1,151
b. Cost of Settlements, compensation for land and rights	635	...	...	...	...	...	635
c. Surveys	38	88	136	50	88	4,282	4 632
d. Working plans	2,631	...	...	...	...	...	2,631
e. Sowing and planting	...	3,188	605	328	123	278	4,522
f. Protection from fire	71	1,852	6,392	9,045	6,203	942	24,505
g. Other works	...	647	677	851	1,334	...	3,509
Total A. VIII	3,375	5,903	8,010	10,478	8,257	5,562	41,585
IX.—*Miscellaneous—*							
a. Refunds	...	...	...	...	3	...	3
b. Law charges	...	...	...	...	...	...	...
c. Other charges	32	164	262	263	241	182	1,144
Total A. IX	32	164	262	263	244	182	1,147
Total A.—Conservancy and Works	4,580	61,365	23,399	46,765	39,807	16,750	1,92,666

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

FOREST ANNUAL SUMMARY OF EXPENDITURE OF THE DIFFERENT DIVISIONS FOR 1894-95.

Budget heads.	Direction.	Naini Tal Division.	Kumaun Division	Garhwál Division.	Ganges Division.	Bundelkhand Division.	Total.
1	2	3	4	5	6	7	8
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
B.—ESTABLISHMENTS.							
I.—*Salaries*—							
a. Conservators	19,553	...	...	1,080	...	...	20,633
b. Superior officers	13,057	6,783	9,382	10,883	8,432	6,960	57,497
c. Subordinate forest and depôt establishments	3,443	4,254	6,197	8 328	8,559	4,022	34,803
d. Office establishments	4,722	1,372	2,481	2,489	2,362	1,355	14,781
e. Deputation and special allowances	1,159	...	...	65	81	...	1,305
f. Exchange compensation allowance	5,754	939	1,747	1,888	1,553	1,690	13,573
Total B. I	47,688	13,348	19,807	24,733	20,989	16,027	1,42,592
II.—*Travelling allowances*—							
a. Conservators	1,695	...	...	156	...	...	1,851
b. Superior officers	1,734	1,281	1,327	1,189	1,020	1,076	7,627
c. Subordinate forest and depôt establishments	602	576	1,150	1,161	1,587	669	5,745
d. Office establishments	207	152	715	758	712	151	2,695
Total B. II	4,238	2,009	3,192	3,264	3,319	1,896	17,918
III.—*Contingencies*—							
a. Stationery	39	81	198	151	136	72	677
b. Carriage of tents and records	1,519	585	251	424	622	317	3,718
c. Rents, rates and taxes	123	175	10	12	32	329	681
d. Pay of police guards	447	...	...	...	...	...	447
e. Official postage	470	205	69	97	145	224	1,210
f. Sundries	582	263	173	450	129	173	1,773
Total B. III	3,180	1,309	701	1,134	1,064	1,118	8,506
TOTAL B.—ESTABLISHMENTS	55,106	16,666	23,700	29,131	25 372	19,041	1,69,016
GRAND TOTAL OF EXPENDITURE	59,686	78,031	47 099	75,896	65,179	35,791	3,61,682
SURPLUS OR DEFICIT	—59,197	+9,568	+78,729	+1,15,972	+1,21,402	—7,373	+2,59,101

CALCUTTA:
The 31st August 1895.

J. C. BOSE,
Assistant Comptroller-General, Forests.

[Form No. 61.

FOREST DEPARTMENT, OUDH CIRCLES, NORTH-WESTERN PROVINCES AND OUDH.

SUMMARY OF REVENUE OF THE DIFFERENT DIVISIONS DURING THE FOREST YEAR 1894-95.

Budget heads.	Direction.	Kheri Division.	Bahraich Division.	Gonda. Division.	Gorakhpur Division.	Pilibhit Division.	Total.
I	2	3	4	5	6	7	8
REVENUE.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I.—Timber and other produce removed from the Forest by Government agency—							
a. Timber	...	1,00,135	2,934	1,046	15,571	4	1,19,690
b. Firwood and charcoal	...	16,308	4,240	12,024	53,781	774	87,127
c. Bamboos	...	...	353	..	32	...	385
d. Sandal-wood	...	...	...	...	...	...	...
e. Grass and other minor produce	...	11,146	52	3,759	4,180	...	19,137
Total I	...	1,27,589	7,579	16,829	73,564	778	2,26,339
II.—Timber and other produce removed from the Forests by consumers or purchasers—							
a. Timber	...	1,63,603	85,898	10,236	8,147	169	2,68,053
b. Firewood and charcoal	...	6,158	1,073	2,379	5 793	2,792	18,695
c. Bamboos	...	...	...	...	93	...	93
d. Grazing and fodder grass	...	7,584	19.191	5,094	4,212	706	36,787
e. Other minor produce	...	1,759	8,688	3,256	11,477	2,925	28,105
Total II	...	1,79,104	1,14,850	21,465	29,722	6,592	3,51,733
III.—Drift and waif wood and confiscated forest produce	...	1.461	2,293	198	4,205	...	8,157
Total III	...	1,461	2,293	198	4,205	...	8,157
IV.—Revenue from Forests not managed by Government—							
a. Duty on foreign timber and other forest produce	...	...	...	...	...	...	...
b. Revenue from shared and private forest	...	...	...	...	...	...	...
Total IV	...	...	...	...	..	...	...
V.—Miscellaneous—							
a. Fines and forfeitures	...	38	331	29	70	...	468
b. Refunds	3	1,728	121	8	838	64	2,762
c. Other sources	3	9,403	5,911	913	3,805	15	20,060
Total V	6	11,169	6,363	950	4,713	79	23,290
Grand Total Revenue	6	3,19,323	1,31,085	39,442	11,2204	7,449	6,09,509

Calcutta :
The 31st August 1895.

I. C. BOSE,
Assistant Comptroller-General, (Forests).

FOREST DEPARTMENT, OUDH CIRCLE, NORTH WESTERN PROVINCES AND OUDH

SUMMARY OF EXPENDITURE OF THE DIFFERENT DIVISIONS DURING THE FOREST YEAR 1894-95.

Budget Heads.	Direction.	Kheri Division	Bahraich Division.	Gonda Division.	Gorakhpur Division.	Pilibhit Division.	Total.
1	2	3	4	5	6	7	8
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I.—Timber and other produce removed from the Forests by Government agency—							
a. Timber	...	467	960	880	547	...	2,854
b. Firewood and charcoal	...	3,962	4,580	4,098	30,004	251	42,895
c. Bamboos	...	...	478	...	...	...	478
d. Sandal wood	...	...	...	...	...	...	...
e Grass and other minor produce	...	6,139	232	1,175	185	..	7,731
Total A I	...	10,568	6 250	6,153	30,736	251	53,958
II.—Timber and other produce removed from the Forests by consumers or purchasers ...	...	3,268	4,392	1,105	1,638	976	11,379
Total A. II	..	3,268	4,392	1,105	1,638	976	11,379
III.—Drift and waif wood and confiscated Forest produce	...	622	1,756	376	2,617	..	5,371
Total A. III	..	622	1,756	376	2.617	..	5,371
IV.—Revenue from Forests not managed by Government—							
a Duty on foreign timber and other forest produce	...	...	...	...	...	...	...
b. Revenue from shared and private forests	...	...	...	...	...	...	...
Total A IV	...	...	...			...	..
V.—Rent of leased Forests and payments to shareholders in Forests managed by Government ...	...	..	..	...	...	...	...
Total A. V	...		...	..	...	...	..
VI.—Livestock, Stores, Tools and Plant—							
a. Purchase of cattle	...	1,506	1,044	458	686	456	4,730
b Feed and keep of cattle	580	826	342	549	741	246	2,824
c. Purchase of stores, tools and plant	120						
Total A. VI	700	2,332	1,386	1,007	1 427	702	7,554
VII.—Communications and Buildings—							
a. Roads and bridges	...	6,445	4,357	2,119	5,159	670	18,750
b. Buildings	57	9,105	6,218	4,705	6,641	3,390	30 116
c. Other works	12	970	657	679	451	42	2,811
Total A. VII ...	69	16,520	11,232	7,503	12,251	4,102	51,677

VIII.—Organization, improvement and extension of Forests—														
a. Demarcation	...	...	...	...	...	...	...	...	...	327	4,774	894	1,272	1,734	9,001
b. Cost of Settlements; compensation for land and rights				...	...	...	...	...	...	...	...	...	678	...	678
c. Surveys	...	...	...	...	...	...	...	...	...	2,356	3,188	5,526	...	850	11,920
d Working-plans	...	..	.	...	...	...	...	...	456	27	14	...	...	...	497
e. Sowing and planting	...	...	...	...	...	...	...	...	...	..	105	.	...	...	105
f. Protection from fire	...	..	...	...	...	...	...	...	...	8,217	4,974	2,865	2,441	1,445	19,942
g. Other works	...	.	...	...	...	...	...	...	...	2,397	2,518	690	347	241	6,193
							Total A. VIII	...	456	13.324	15,573	9 975	4,738	4,270	48,316
IX.—Miscellaneous—															
a. Refunds	...	...	...	...	...	...	...	...	...	162	324	32	24	21	563
b. Law charges	...	...	...	...	...	...	...	...	...	...	...	1	30	...	31
c. Other charges	...	..	...	...	...	...	...	...	7	870	2,381	503	119	32	3,912
							Total A. IX	...	7	1,032	2,705	536	173	53	4,506
							Total A.—Conservancy and Works	...	1,232	47,666	43,294	26,655	53,590	10,354	1,82 781
B.—Establishments.															
1.—Salaries—															
a Conservators	...	...	...	...	...	...	...	...	16,566	...	...	...	...	...	16,566
b. Superior officers	...	...	...	...	...	...	...	...	2,570	10,121	8,727	6,271	5,266	5,300	38,255
c Subordinate forest and depôt establishments			...	...	..	...	...	...	..	6,543	5 968	3 549	4.821	2,155	23,046
d. Office establishments	...	...	...	...	...	...	...	...	3,224	4,133	3,170	2,375	4,495	1,436	18,833
e. Deputation and special allowances			...	...	...	...	...	...	..	651	500	100	...	300	1.451
f. Exchange compensation allowances			...	...	...	...	...	...	3,079	1,689	767	808	973	483	7,799
							Total B. I	...	25,139	23,037	19,132	13,103	15,555	9,674	1,05,940
II.—Travelling Allowances—															
a. Conservators	...	...	...	...	...	...	...	...	1,570	...	...	...	...	...	1,570
b. Superior officers	...	...	...	...	...	...	...	...	222	2,645	1,588	1,144	1,410	1,122	8 131
c. Subordinate forest and depôt establishments			...	...	..	...	...	...	...	386	852	686	585	246	3,355
d. Office establishments			...	...	...	...	...	...	476	255	198	127	165	354	1,575
							Total B. II	...	2,268	3 886	2,638	1,957	2,160	1,722	14,631
III.—Contingencies—															
a. Stationery	...	...	...	...	...	...	...	...	42	134	122	50	78	38	464
b. Carriage of tents and records			...	...	...	...	...	...	598	297	273	378	437	374	2 257
c. Rents, rates and taxes	...	...	...	...	...	...	...	...	236	171	1	300	...	23	731
d. Pay of police guards	...	..	...	...	...	...	...	...	...	91	120	197	...	...	408
e Official postage	...	...	...	...	...	...	...	...	780	151	213	136	154	78	1,512
f. Sundries	...	...	...	...	...	...	...	...	748	834	963	379	728	163	3,835
							Total B. III	...	2,404	1,678	1,692	1,440	1,397	696	9,207
							Total B.—Establishments	... ...	30,711	28,601	23.462	16,500	19,112	12,092	1,29,878
							Grand Total of Expenditure	... ...	31,343	76,267	66,756	43,155	72,692	22,446	3,12 659
							Surplus or Deficit	... ...	—31,331	+2,43,056	+64,329	—3,713	+39,512	—14,997	+2,96,850

Calcutta :
The 31st August 1895.

I. C. BOSE,
Assistant Comptroller-General, (Forests).

[Form No. 61.

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

SUMMARY OF REVENUE OF THE DIFFERENT DIVISIONS FOR THE FOREST YEAR 1894-95.

Budget Heads.	Direction.	Dehra Dún Division.	Saháranpur Division.	Jaunsár Division.	Total.
1	2	3	4	5	6
REVENUE.	Rs.	Rs	Rs.	Rs.	Rs.
I.—*Timber and other produce removed from the Forests by Government agency—*					
a Timber	...	399	1,140	2,26,153	2,27,692
b. Firewood and charcoal	...	877	513	42,449	43,839
c. Bamboos	...	2,362	388	...	2,750
d. Sandal-wood	...	...	...	...	...
e. Grass and other minor produce	...	...	84	2,890	2,974
Total I	...	3,638	2,125	2,71,492	2,77,255
II.—*Timber and other produce removed from the Forests by consumers or purchasers—*					
a—Timber	...	26 874	588	39,865	67,327
b—Firewood and charcoal	...	2.527	2,557	385	5,469
c.—Bamboos	...	3,368	3,885	16	7,269
d—Grazing and fodder grass	...	7,511	14,655	3,990	26,146
e.—Other minor produce	...	7,774	9,760	291	17,825
Total II	...	48,054	31.445	44,537	1,24,036
III.—Drift and waif wood and confiscated forest produce	...	6,308	6,585	1,554	14,447
Total III	...	6,308	6,585	1,554	14,447
IV.—*Revenue from Forests not managed by Government—*					
a. Duty on foreign timber and other forest produce	...	...	...	11,285	11,285
b. Revenue from shared and private forests	...	...	...	...	...
Total IV	...	...	...	11,285	11,285
V.—*Miscellaneous—*					
a. Fines and forfeitures	...	...	57	10	67
b. Refunds	14	18	534	1,189	1 755
c. Other sources...	528	768	763	3,547	5,606
Total V	542	786	1,354	4,746	7,428
GRAND TOTAL REVENUE ...	542	58,786	41,509	3,33,614	4,34,451

CALCUTTA :
The 30th August 1895.

I C. BOSE,
Assistant Comptroller-General, (Forests).

(OXVI.)

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

SUMMARY OF EXPENDITURE OF THE DIFFERENT DIVISIONS FOR THE FOREST YEAR 1894-95.

Budget Heads.	Direction.	Dehra Dún Division.	Saháranpur Division.	Jaunsár Division.	Total.
1	2	3	4	5	6
A.—CONSERVANCY AND WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
I.—*Timber and other produce removed from the Forests by Government Agency—*					
a. Timber	...	19	337	94,834	95,190
b Firewood and charcoal	...	731	232	24,211	25,174
c. Bamboos	...	1,425	245	...	1,670
d. Sandal-wood	...	...	...	...	...
e. Grass and other minor produce	..	..	78	3,763	3,841
Total A I.	...	2,175	892	1,22,808	1,25,875
II.—*Timber and other produce removed from the Forests by consumers or purchasers*	..	1,338	336	276	1,950
Total A. II	..	1,338	336	276	1,950
III.—*Drift and waif wood and confiscated Forest Produce—*	...	1 949	1,998	385	4,332
Total A. III	...	1,949	1,998	385	4,332
IV.—*Revenue from Forests not managed by Government—*					
a. Duty on foreign timber and other forest produce	...	...	...	2,500	2,500
b Revenue from shared and private forests	...	...	. .	...	..
Total A. IV		...	...	2,500	2,500
V.—*Rent of leased Forests and payments to Shareholders in Forests managed by Government*	...	351	...	11,150	11,501
Total A V	..	351	...	11,150	11,501
VI.—*Live stock, Stores, Tools and Plant—*					
a. Purchase of cattle	...	...	...	...	...
b Feed and keep of cattle	596	599	547	...	1,742
c. Purchase of stores, tools and plant	173	349	82	309	913
Total A. VI	769	948	629	309	2,655
VII—*Communications and Buildings—*					
a. Roads and bridges	...	3 680	855	7,311	11 846
b Buildings	...	3,780	3,193	2,275	9,198
c. Other works	...	396	1,157	427	1,980
Total A. VII	..	7,806	5,205	10,013	23,024
VIII —*Organization, improvement and extension of Forests—*					
a. Demarcation	...	883	880	614	2,377
b. Cost of Settlements; compensation for land and rights	...	333	...	30	363
c. Surveys	...	...	...	201	201
d. Working-plans	...	...	...	...	...
e. Sowing and planting	65	2,372	621	2,758	5,816
f. Protection from fire	...	3,804	2,590	1,710	8,104
g. Other works	...	4,227	392	1,253	5,872
Total A. VIII	65	11,619	4,483	6,566	22,733

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

SUMMARY OF EXPENDITURE OF THE DIFFERENT DIVISIONS FOR THE FOREST YEAR 1894-95—(*concluded.*)

Budget Heads.	Direction.	Dehra Dún Division.	Saháranpur Division.	Jaunsar Division.	Total.
1	2	3	4	5	7
A.—CONSERVANCY AND WORKS—(*concluded.*)					
IX.—*Miscellaneous*—					
a. Refunds	...	...	122	667	789
b. Law charges	...	11	40	...	51
c. Other charges	176	468	133	1,165	1,942
Total A. IX	176	479	295	1,832	2,782
TOTAL A.—CONSERVANCY AND WORKS	1,010	26,665	13,838	1,55,839	1,97,352
B.—ESTABLISHMENTS.					
I.—*Salaries*—					
a. Conservators	19,200	...	...	...	19,200
b. Superior officers	950	9,012	3,450	10,575	23,987
c. Subordinate forest and depôt establishments	...	8,370	6,801	7,875	23,046
d. Office establishments	3,989	2,284	1,587	2,552	10,412
e. Deputation and special allowances	665	...	...	292	957
f. Exchange compensation allowance	3,630	1,320	437	1,537	6,924
Total B. I	28,434	20,986	12,275	22,831	84,526
II.—*Travelling Allowances*—					
a. Conservators	993	...	...	...	993
b. Superior Officers	112	862	753	1,452	3,179
c. Subordinate forest and depôt establishments	...	1,031	756	1,197	2,984
d. Office establishments	164	88	109	195	556
Total B. II	1,269	1,981	1,618	2,844	7,712

III.—Contingencies—					
a. Stationery	11	153	115	90	369
b. Carriage of tents and records	570	419	343	859	2,191
c. Rents, rates and taxes	...	364	16	25	405
d. Pay of police guards	...	...	...	...	...
e. Official postage	200	107	199	147	653
f. Sundries	597	383	243	439	1,622
Total B. III ...	1,378	1,426	916	1,560	5,280
Total B.—Establishments ...	31,081	24,393	1,4809	27,235	97,518
GRAND TOTAL OF EXPENDITURE ...	32,091	51,058	28,647	1,83,074	2,94,870
Surplus or Deficit ...	...	...	...	...	...

CALCUTTA:
The 30th August 1895.

I. C. BOSE,
Assistant Comptroller-General, (Forests.)

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

ACCOUNT CURRENT FOR THE YEAR 1894-95.

Dr. **Cr.**

	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.
To Cash Balance	...	1,254 6 5	By Expenditure as per Annual Summary Form No. 61.	...	3,61,681 11 8
„ VIII —Assessed taxes—			„ Deposits	...	2,311 3 2
Income Tax—Deductions from salaries	...	2,643 15 1	„ Forest Cash Remittances—Local—		
„ Revenue as per Annual Summary, Form No 61	...	6,20,783 2 11	Remittances to Treasuries ...	5,81,814 14 6	
„ Service Funds—			Inter-Divisional Transfers ...	591 10 8	5,82,406 9 2
Civil Fund—Ordinary, Bengal	...		„ Advances Recoverable	...	1,15,621 6 3
„ Additional, do.	...		„ Suspense	...	159 8 0
Military Fund—Bengal	243 0 0		„ Account Current (other Governments)—		
„ „ Madras	.		Remittances to the Government of India ...		4,906 0 9
„ Orphan Fund—Bengal ...	210 0 0		Ditto ditto Punjab ...	...	500 0 0
Uncovenanted Service Family Pension Fund, Bengal ...	1,458 3 6		„ Inter Departmental Transfers—		
General Family Pension Fund	...	1,911 3 6	Public Works, Department Ordinary Branches.	...	3,680 0 0
Hindu Family Annuity Fund	.		Military Department, Bengal ...	...	36,149 7 6
„ Deposits	...	3,977 0 0	Civil Department—		
„ Forest Cash Remittances—Local—			Survey of India	1,856 0 1	
Forest cheques drawn	3,43,407 15 9		Miscellaneous	712 0 0	2,568 0 1
Inter-Divisional Transfers	325 0 0	3,43,732 15 9			
„ Advances recoverable	..	1,20,921 4 2			
„ Suspense	...				
„ Account Current (other Governments)—					
Remittances from Government of India	...	14,322 5 11			
Ditto ditto Bengal	...	30 7 5			
„ Inter-Departmental Transfers—					
Public Works Department, Ordinary Branches	...	387 15 0			
Military Department—					
Telegraph Department	...	91 15 2			
Civil Department—					
Survey of India	84 0 0				
Mathematical Instrument Department	55 8 0				
Miscellaneous	467 7 10	606 15 10			
					679 12 7
			Cash Balance		
Total ...	...	11,10,663 11 2	Total ...	...	11,10,663 11 2

CALCUTTA :
The 31st August 1895.

I. C. BOSE,
Assistant Comptroller-General, Forests.

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

Dr. ACCOUNT CURRENT FOR THE FOREST YEAR 1894-95. Cr.

	Rs. a. p.	Rs a. p.		Rs a. p.	Rs. a. p
			1 REFUNDS AND DRAWBACKS	...	303 7 11
To Cash Balance	...	...	*By Expenditure as per annual summary, Form No.* 61	...	3,12,659 9 3
„ *VIII.—Assessed Taxes—*					
Income Tax—Deductions from salaries	...	1,773 4 6	„ *Deposits*	...	1,104 10 6
„ *Revenue as per annual summary, Form No.* 61	...	6,09,509 7 0	„ *Forest Cash Remittances*—Local—		
„ *Service Funds—*					
Civil Fund —Ordinary, Bengal	...	...	Remittances to Treasuries	3,47,981 12 8	..
„ Additional, Bengal	...	...			
Military Fund—Bengal	...	...	Inter-Divisonal Transfers	955 0 4	...
„ „ Madras	...	...			
„ Orphan Fund—Bengal	..	...			
Uncovenanted Service Family Pension Fund—Bengal ...	1,531 8 0	...			3,48,936 13 0
General Family Pension Fund	...	...	„ *Advances Recoverable*	...	2,47,518 0 4
Hindu Family Annuity Fund	.	...			
		1,531 8 0	„ *Suspense*	...	...
„ *Deposits*...	...	5,418 10 2	„ *Account Current (other Governments)*—		
„ *Forest Cash Remittances*—Local—					
Forest cheques drawn	2,97,633 6 1	...	Remittances to the Government of North-Western Provinces and Oudh, to India.	1,02,064 12 0	...
Inter-Divisonal Transfers	1,212 13 0	...			
			„ „ „	1,507 4 10	
		2,98,846 3 1	to Bengal.		1,03,572 0 10
„ *Advances recoverable*	..	2,51,611 1 5	„ *Inter-Departmental Transfers—*		
„ *Suspense*	...	...			
„ *Account Current (other Governments)*—			Public Works Department Oudh and Rohilkhand Railway ...	13 0 0	...
Remmittances from Government of India to North-Western Provinces and Oudh.	12,163 2 5	...	„ Bengal and North-Western „ ...	25.757 9 5	...
			„ Rohilkhand and Kumaun Railway	1,54,755 11 9	..
Remittances from Government of Bengal to North-Western Provinces and Oudh.	3,091 10 0		„ Rajputana and Malwa „	965 10 0	...
		15,254 12 5	Military Department	...	...
„ *Inter-departmental Transfers—*					
Public Works Department Rohilkhand, and Kumaun Railway	256 9 2	...	Civil Department	...	...
„ „ Bengal and North Western „ ..	21,302 14 0	...	Mathematical Instrument Department ... 198 0 0	..	...
Military Department	...	...	Jails 8,205 1 0	8,403 1 0	...
Civil Department—			Telegraph	625 0 0	
Jail	120 0 0	...			..
Mathematical Instrument Department	215 6 0	..			1,90 520 0 2
Miscellaneous	190 1 0	22,084 14 2	„ *Cash Balance*	..	1,415 2 9
	Total ...	12,06,029 12 9		Total ...	12,06,029 12 9

CALCUTTA :
The 31st August 1895

I. C. BOSE,
Assistant Comptroller-General, (Forests).

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

ACCOUNT CURRENT FOR THE FOREST YEAR 1894-95.

Dr. **Cr.**

	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.
To Cash Balance	...	12 1 0	By expenditure as Per Annual Summary Form No. 61.	...	2,94,869 11 11
„ VII.—Assessed Taxes—					
Income Tax—Deductions from salaries	...	1,558 3 5	„ Deposits „	...	2,677 2 9
„ Revenue as per annual Summary, Form No. 61	...	4,34,450 14 0	„ Forest Cash Remittances—Local—		
„ Service Funds—			Remittances to Treasuries ...	1,98,461 15 1	
Civil Fund—Ordinary, Bengal	...		Inter-Divisional Transfers ...	350 0 0	
„ Additional, Bengal	...				1,98,811 15 1
Military Fund—Bengal	...		„ Advances Recoverable	...	1,65,626 14 9
„ „ Madras	...		„ Suspense	...	...
„ Orphan Fund—Bengal	...		„ Account Current (other Governments)—		
Uncovenanted Service Family Pension Fund—Bengal ...	...		Remittances to the Government of India	1,70,365 15 4	
General Family Pension Fund	...		Central Provinces	656 8 3	
Hindu Family Annuity Fund	...	9,068 4 3	Punjáb	9,846 8 8	
„ Deposits	...		Burma	900 0 0	
					1,81,709 0 3
„ Forest Cash Remittances—Local—			„ Inter-Departmental Transfers—		
Forest cheques drawn	4,52,809 10 4		Public Works Department, State Railway	1,88,860 0 7	
Inter-Divisional Transfers	350 0 0	4,53,159 10 4	Public Works Department, Ordinary Branches.	10,847 4 11	
		1,59,779 15 9	Military Department, Bengal ...	37,611 4 9	
„ Advances recoverable	...	...	Telegraph Department	180 0 0	
Suspense	...		Civil Department	...	
„ Account Current (other Governments)—			Miscellaneous	79 2 0	
Remittances from Government of India	...	3,893 1 1			2,37,577 12 3
„ Inter-Departmental Transfers—					
Public Works Department, State Railways	0 7 0				
Ditto ditto Ordinary Branches	18,976 8 2				
Military Department, Bengal	10 3 3				
Civil Department—					
Jail	20 0 0				
Mathematical Instrument Department	...		Cash balance	...	11 3 9
Survey of India	278 11 0				
Miscellaneous	135 13 6	19,421 10 11			
Total	...	10,81,343 12 9	Total ...	...	10,81,343 12 9

J. C. BOSE,

Assistant Comptroller-General. (Forests).

CALCUTTA :
The 30th August 1895.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

REVENUE RECEIVED AND OUTSTANDINGS ON ACCOUNT OF REVENUE DURING 1894-95.

Division.	Particulars.	Outstanding at commencement of year.	Value of sales and other revenue during year.	Total.	Amount realised during year.	Balance due to the Department at end of year.	Remarks.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Direction	Timber and other produce, &c. ...	...	489 2 0	489 2 0	489 2 0	...	
Naini Tal	Ditto ditto ...	8,692 5 6	94,023 9 4	1,02,714 14 10	87,598 12 5	15,116 2 5	
Kumaun	Ditto ditto ...	...	1,25,627 10 2	1,25,627 10 2	1,25,627 10 2	...	
Garhwál	Ditto ditto ...	...	1,91,868 9 4	1,91,868 9 4	1,91,868 9 4	...	
Ganges	Ditto ditto ...	2,061 1 0	1,84,624 9 1	1,86,685 10 1	1,86,580 10 1	105 0 0	
Bundelkhand	Ditto ditto ...	2,515 12 0	27,222 1 11	29,737 13 11	28,418 3 7	1,319 10 4	
	Total ...	13,269 2 6	6,24,054 9 10	6,37,323 12 4	6,20,782 15 7	16,540 12 9	

NAINI TAL:
The 19th September 1895.

E. P. DANSEY,
Conservator of Forests, Central Circle, N.-W. P. and Oudh.

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

REVENUE RECEIVED AND OUTSTANDINGS ON ACCOUNT OF REVENUE DURING 1894-95.

Division.	Particulars.	Outstandings at commencement of year.	Value of sales and other revenue during year.	Total.	Amount realised during year.	Balance due to the Department at end of year.	Remarks.
1	2	3	4	5	6	7	8
Direction	...	Rs. a. p. ...	Rs a. p 6 0 0	Rs. a p. 6 0 0	Rs. a. p. 6 0 0	Rs. a. p. 6 0 0	
Pilibhft	Timber grazing and other Forest Produce.	154 4 3	7,969 5 5	8,123 9 8	7,449 10 8	673 15 0	
Kheri	Do. do. do	58,311 14 7	2,74 251 9 6	3,32,563 8 1	3,19,323 4 4	13,053 5 6	(*a*). Conservator's No 19 of 7-4-93.
					a. 32 13 0		(*b*). Conservator's No. 388 of 27-3-95.
					b. 121 5 3		(*c*). G. O No. 281/XIV—050A, of 7-5-95.
					c. 32 12 0		
				Total	3,19,519 2 7		
Bahraich	Do. do. do.	10,144 2 2	1,36,571 1 8	1,46,715 3 10	1,31,085 5 1	15,496 8 1	G. O. No. 180/715A, of 13-3-95.
					g. 133 6 8		
				Total	1,31,218 11 9		
Gonda	Do. do. do.	440 4 6	42,727 12 10	43,168 1 4	39,441 7 4	3,284 2 0	G. O. No. 235 of 29-3-95.
					d 2 4 0		
					e. 428 4 0		G. O. No. 187 of 18-3 95
					f. 12 0 0		Conservator's No. 200 of 28th October 1894.
				Total	39,883 15 4		
Gorakhpur	Do. do. do.	2,534 9 9	1,21 023 9 3	1,23,558 3 0	1,12,204 1 7	11,354 1 5	Of this Rs. 7861 is due on account improvement felling timber and fuel Rs 1751 1-5 is last year's and Rs 1741-8-0 is on account petty items of this year's outstanding.
	Total ...	71,585 3 3	5,82,549 6 8	6,54,134 9 11	6,10,272 9 11	43 862 0 0	

DATED NAINI TAL:
The 20th September 1895.

J. E CAMPBELL, COL,
Offg. Conservator of Forests, Oudh Circle.

[Form No. 63.

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

REVENUE RECEIVED AND OUTSTANDINGS ON ACCOUNT OF REVENUE DURING 1894-95.

Division.	Particulars.	Outstandings at commencement of year.	Value of sales and other revenue during year.	Totals.	Amount realised during year.	Balance due to the Department at end of year.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Direction	Sale proceeds of timber and other forest produce	...	542 6 1	542 6 1	542 6 1	...
Dehra Dún	Ditto ditto.	8,283 10 3	58,420 7 10	66,704 2 1	58,785 5 1	7,918 13 0
Sahâranpur	Ditto ditto.	3,251 6 2	44,271 11 8	47,523 1 10	41,509 5 9	6,013 12 1
Jaunsár	Ditto ditto.	35,044 8 10	3,24,425 14 11	3,59,470 7 9	3,33,613 13 1	25,856 10 8
	Total ...	46,579 9 3	4,27,660 8 6	4,74,240 1 9	4,34,450 14 0	39,789 3 9

DATED DEHRA DUN:
The 16th September 1895.

A. SMYTHIES,
Offg. Conservator of Forests, School Circle, N.-W.P. and Oudh.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

OUTSTANDINGS AND LIABILITIES ON ACCOUNT OF CONTRACTORS AND DISBURSERS FOR 1894-95

Division.	Department debtor.			Department creditor.			Balance due.		Remarks.
	At commencement of year.	Recoveries in cash and value of supplies and work done during the year.	At close of year.	At commencement of year.	Payments made during year.	At close of year.	To department (outstandings).	By department (liabilities).	
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs a. p.	Rs. a. p.	
Direction	...	6,330 5 3	6,333 5 3	435 0 5	6,037 4 10	6,472 5 3	142 0 0	...	
Naini Tal	...	49,660 9 8	49,660 9 8	4,438 7 9	49,427 8 6	53,866 0 3	4,205 6 7	...	
Kumaun	...	17,181 13 9	17,181 13 9	1,559 10 9	17,678 4 10	19,237 15 7	2,056 1 10	...	
Garhwál	...	8,075 6 2	8,075 6 2	1,070 15 4	8,017 3 2	9,088 2 6	1,013 12 4	...	
Ganges	...	28,919 0 4	28,919 0 4	4,308 5 6	26,176 10 4	30,479 15 10	1,560 15 6	...	
Bundelkhand	...	10,754 1 0	10,754 1 0	2,771 13 2	8,284 6 7	11,056 3 9	302 2 9	...	
Total ...	...	1,20,921 4 2	1,20,921 4 2	14,579 4 11	1,15,621 6 3	1,30,200 11 2	9,279 7 0	...	

CALCUTTA:
The 31st August 1895.

I. C. BOSE,
Assistant Comptroller-General, Forests.

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

OUTSTANDINGS AND LIABILITIES ON ACCOUNT OF CONTRACTORS AND DISBURSERS FOR THE FOREST YEAR 1894—95.

Division.	Department debtor			Department creditor.			Balance due.		Remarks.
	At commencement of year	Recoveries in cash and value of supplies and work done during the year.	At close of year	At commencement of year	Payments made during year.	At close of year	To department (outstandings.)	By department (liabilities.)	
1	2	3	4	5	6	7	8	9	10
	Rs a. p.	Rs a. p.	Rs. a. p.	Rs a p	Rs a. p	Rs. a. p.	Rs a. p	Rs a. p.	
Direction	...	4,818 2 6	4,818 2 6	47 8 9	4,899 0 2	4,946 8 11	128 6 5		
Kheri	0 9 0	65,868 1 4	65,868 10 4	12,373 12 5	63,673 11 8	76,047 8 1	10,181 14 7	3 0 10	
Bahraich	...	67,297 6 0	67,297 6 0	12,755 8 0	66,692 7 0	79,447 15 0	12,150 9 0		
Gonda	...	39,159 0 10	39,159 0 10	5,134 4 3	37,396 7 8	42,530 11 11	3,371 11 1		
Gorakhpur	...	61,968 7 9	61,968 7 9	9,379 12 2	62,171 1 9	71,550 13 11	9,582 6 2		
Pilibhit	...	12,499 15 0	12,499 15 0	508 8 1	12,685 4 1	13,193 12 2	693 13 2		
Total ...	0 9 0	2,51,611 1 5	2,51,611 10 5	40,199 5 8	2,47,518 0 4	2,87,717 6 0	36,108 12 5	3 0 10	

CALCUTTA:
The 31st August 1895

I. C. BOSE.
Assistant Comptroller-General, (Forests).

[Form No. 64.

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

OUTSTANDINGS AND LIABILITIES ON ACCOUNT OF CONTRACTORS AND DISBURSERS FOR THE FOREST YEAR 1894-95.

Division. (1)	Department debtor.			Department creditor.			Balance due.	
	At commencement of year. (2)	Recoveries in cash and value of supplies and work done during the year. (3)	At close of year. (4)	At commencement of year. (5)	Payments made during year. (6)	At close of year. (7)	To Department (Outstandings.) (8)	By Department (Liabilities.) (9)
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Direction	...	1,580 14 3	1,580 14 3	53 11 3	1,595 13 5	1,649 8 8	68 10 5	...
Dehra Dún	...	39,397 7 4	39,397 7 4	1,437 13 0	39,562 12 6	41,000 9 6	1,603 2 2	...
Sahárunpur	...	15,163 3 8	15,163 3 8	1,971 7 6	14,771 12 0	16,743 3 6	1,579 15 10	...
Jaunsar	...	1,03,638 6 6	1,03,638 6 6	26,822 4 2	1,09,696 8 10	1,36,518 13 0	32,880 6 6	...
Total ...	...	1,59,779 15 9	1,59,779 15 9	30,285 3 11	1,65,626 14 9	1,95,912 2 8	36,132 2 11	...

CALCUTTA:
The 30th August 1895.

I. C. BOSE,
Assistant Comptroller-General (Forests).

[Form No. 65.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

FINANCIAL RESULTS OF THE YEAR 1894-95.

Division.	Timber and other produce removed from the forests by Government agency.		Other revenue.		Formation, protection and improvement of forests.	Total.		Remarks.
	Receipts.	Charges.	Receipts.	Charges.	Charges.	Receipts.	Charges.	
	Rs	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Direction	...	...	489	...	...	489	...	Direction Division charges amounting to Rs. 59,686 distributed amongst divisions as follows:—
Naini Tal	54,815	55,724	32,784	11,407	15,960	87,599	83,031	Rs.
Kumaun	...	...	1,25,828	31,051	32,048	1,25,828	63,099	Naini Tal 5,000
Garhwál	1,887	641	1,89,981	45,501	48,754	1,91,868	94,896	Kumaun 16,000
Ganges	3,966	5,253	1,82,615	40,316	37,610	1,86,581	83,179	Garhwál 19,000
Bundelkhand	8,633	7,424	19,785	12,182	17,871	28,418	37,477	Ganges 18,000
								Bundelkhand 1,686
Total ...	69,301	69,042	5,51,482	1,40,457	1,52,183	6,20,783	3,61,682	Total ... 59,686

NAINI TAL:
The 19th September 1895.

R. P. DANSEY,
Conservator of Forests, Central Circle,
N.-W. P. and Oudh.

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

FINANCIAL RESULTS OF THE YEAR 1894-95.

Division.	Timber and other produce removed from the Forests by Government agency.		Other revenue.		Formation, protection and improvement of Forests.	Total.		Remarks.
	Receipts.	Charges.	Receipts.	Charges	Charges.	Receipts.	Charges.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Direction	...	...	6	...	..	6	...	Direction Division B. charges amounting to Rs. 31,343 distributed as follows:—
Pilibhit	778	7,275	6,671	7,999	9,493	7,449	24,767	Pilibhit ... . Rs 2,321
Kheri	1,27,589	32,276	1,91,734	25,598	30,003	3,19,323	87,877	Kheri 1,610
Bahraich	7 579	23,203	1,23,506	23,101	28,578	1,31,085	74,882	Bahraich 8,126
Gonda	16,829	16,662	22,613	11,989	17,986	39,442	46 637	Gonda 3,482
Gorakhpur	73,564	44 697	38,640	18,216	15,589	1,12,204	78,496	Gorakhpur 5,804
Total ..	2,26,339	1,24,113	3,83,170	86,903	1,01,643	6,09,509	3,12 659	Total ... 31,343

The details have been worked out as under—

I.—Timber and other produce removed by Government agency.

$$A.\ \left(1.\ +\frac{VI}{3}+\frac{VII}{3}+\frac{IX}{3}\right)+\frac{3B}{8}+\frac{3X\ \text{Direction quota of B charges.}}{8}$$

II.—Other revenue.

$$A.\ \left(II+III+\frac{VI}{3}+\frac{VII}{3}+\frac{IX}{3}\right)+\frac{3B}{8}+\frac{3X\ \text{Direction quota of B charges.}}{8}$$

III.—Formation, improvement and protection of Forests.

$$A.\ \left(\frac{VI}{3}+\frac{VII}{3}+\frac{VIII}{1}+\frac{IX}{3}\right)+\frac{B}{4}+\frac{\text{Direction quota of B charges.}}{4}$$

Total

DATED NAINI TAL :
The 20th September 1895.

J. E CAMPBELL, COLONEL,
Offg. Conservator of Forests, Oudh Circle.

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

FINANCIAL RESULTS OF THE FOREST YEAR 1894-95.

Division.	Timber and other produce removed from the forest by Government Agency.		Other Revenue.		Formation, protection and improvement of forests.	Total.	
	Receipts.	Charges.	Receipts.	Charges.	Charges.	Receipts.	Charges.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Dehra Dún	6,824	7,508	52,097	15,159	36,414	58,921	59,081
Sahárunpur	4,913	5,265	36,731	12,214	19,190	41,644	36,669
Jaunsár	2,73,046	1,58,450	60,840	10,915	29,755	3,33,866	1,99,120
Total ...	2,84,783	1,71,223	1,49,668	38,288	85,359	4,34,451	2,94,870

DATED DEHRA DÚN :
The 16th September 1895.

A. SMYTHIES,
Offg. Conservator of Forests, School Circle, N. W. P. and Oudh.

APPENDIX A.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

ABSTRACT RECORD OF THE GROWTH OF SÁL IN SPECIMEN PLOTS IN THE SUB-HIMÁLAYAN FORESTS.

Year.	Kumaun Forest Divison: plots and year of first observation.							Garhwál Forest Division, plots and year of first observation.								Ganges Forest Division, plots and year of first observation.					
	Lakhmanmandi.		Sanman Thapla.		North Khonani	Aonla Khera, South.	Chela.	Amtanola.		Raninagal, 1887-88.		Dhikala, 1887-88.		Domunda. 1887-88.		Andher Majhera, 1889-90.		Chaukham, 1889-90.		Gewai.	Jogi-chaur.
	1884-85.	1881-82.	1884-85.	1881-82.	1887-88.	1893-94.	1893-94.	1884-85.	1881-82.											1893-94.	1893-94.
	Thinned area.	Unthinned area.	Thinned area.	Unthinned area.	Unthinned area.	Unthinned area.	Unthinned area.	Thinned area.	Unthinned area.	Thinned area.	Unthinned area.	Thinned area.	Unthinned area.	Thinned area.	Unthinned area.	Thinned area.	Unthinned area.	Thinned area.	Unthinned area.	Unthinned area.	Unthinned area.
	Acres and number of trees.																				
	2-114	½-63	2-115	½-55	1-74	½-112	½-25	2-111	½-65	2-130	½-75	2-154	½-186	2-157	½-160	2-180	½-95	2-228	½-98	1-184	1-76
	Average number of trees per acre.																				
	57	126	57½	110	74	224	50	55½	130	65	150	77	372	78½	320	90	190	114	196	184	76
	Average increase in girth per tree per annum in inches, deduced from measurements in first year of observation and those made in 1894-95.																				
1894-95	·56	·19	·58	·35	·25	·006	·056	·76	·37	·85	·64	1·37	·48	·78	·24	·61	·49	·72	·59	·21	·81
Number of years or measurements on which based.	11	14	11	14	8	2	2	11	14	8	8	8	8	8	8	6	6	6	6	2	2

NAINI TAL:
The 19th September 1895.

E. P. DANSEY,
Conservator of Forests, Central Circle, N.-W. P. and Oudh.

APPENDIX B.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

STATEMENT OF UNEXECUTED WORKS IN PLANS OF OPERATIONS FOR 1894-95.

Provisions of plan.	Divisional Officers' explanations of non-compliance.
I.—Naini Tal Division.	
Change in the present contract system of supplying charcoal at Ránikhet.	Not feasible during the year.
Roads.	
(i) Dedhura to Mangoli	Postponed for want of funds.
(ii) Dalmar ridge path	
(iii) Ninglat path	
(iv) Seoni Lodre path	
(v) Bhaguaghát path	
Buildings.	
Chaukis at Dedhura and Saindhar to be moved	Ditto.
Quarters for Gagar Range office to be built at Bhawali ...	Not required as a room in the Ninglat rest-house has been given up to the Range Officer.
II.—Kumaun Division.	
Roads and Paths.	
Káladhúngi-Mahalgaja 10 feet cart road extension westwards through Sanani block to Sanamgaja; three miles.	Only partially done
Dhapla-Banga sál path; two miles	Prospected for only, but set aside for more important work.
Making 10 feet road from mill on Chela Canal to Kalonia-Kilpura road; 1¼ miles	Deferred for more important work.
Extension of Shiala-Jariakhal road from top of Shiala to the Sarda river; three miles.	Deferred, pending further inquiry as to advisability of making it.
Improving gradient on Nandhaur cart road	Not done. No immediate necessity as traffic not interfered with.
Buildings.	
Rangers' headquarters, Dechauri Range	Deferred for want of funds.
New office at Haldwáni and improvement to Haldwáni house ...	Not done. Not considered urgent on reconsideration.
Inspection bungalow at Khonani	Deferred. Not required at present.
Well at Dogara	Site marked, but postponed for want of funds.
Fire Conservancy.	
Clearing new line 50 feet wide, Gangapur-Bijrani, and widening line along Sudlimat Kilpura road	Unavoidably postponed. The contractor failed to perform the work and forfeited his security
Widening present Kacharpáni and Sanani, north and south lines,	Postponed for more important work.
III.—Garhwál Division.	
Roads.	
Maidapáni—Haldgadi-Sat road	Not done for want of funds.
Improving Maidapánighát-Lohachaur road	Postponed for want of funds.
Alteration in the road Terha and Chaubattia from Kaichi towards the Sitabani forests.	Partly done.
Completing Haldua-Jalaban road	Set aside in favour of more urgent work.
Buildings.	
Forest Guard's quarters at Bátánbásá	Partly done.
Inspection-house at Malaihan	Postponed for further consideration.
Adding a room to the Boxar out-houses	Not done for want of funds.
Forest Guard's quarters at Rámpur	Postponed for further consideration.

APPENDIX B.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

STATEMENT OF UNEXECUTED WORKS IN PLANS OF OPERATIONS FOR 1894-95—(*concld.*).

Provisions of plan.	Divisional Officers' explanations of non compliance.
IV.—Ganges Division.	
Buildings.	
Forest Guard's huts at Lachmanjhula, Gori, &c.	Not done: funds were not available, and it was thought better to build permanent buildings as soon as practicable.
Shámpur chauki compound to be enclosed with a stone wall ...	Not done: funds more urgently required elsewhere.
Roads.	
Paths passable for laden buffaloes will be made from head of Sungasat to Gangam and on to Chaukhamb.	Not done: funds needed for more important work.
Widening a short bit of the Mandalti road to 12 feet, and making export paths through Kansur, compartments 18 and 19, and from upper part of Kansur (compartments 7 to 15) over watershed to the Mandalti road.	On reconsideration postponed till the new working-plan for the Ganges Division is drawn up.
Fire Conservancy.	
Siasath fire line path	Not done; funds needed for more important fire lines.
Nauri Sath ditto	Ditto.
Extension of the Manik chaur kushamghatti fire line ...	Ditto.
Bundelkhand Division	
Bamboos will be exported to Cawnpore for sale	There was no need to do so as bamboos sold readily locally.
Demarcation	No demarcation was carried out with the exception of clearing boundary lines.

NAINI TAL:
The 10th September 1895.

E. P. DANSEY,
Conservator of Forests, Central Circle, N.-W. P. and Oudh.

APPENDIX C.

FOREST DEPARTMENT CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

LIST OF BUILDINGS OF WHICH THE COST EXCEEDS RS. 200—*(continued)*.

Division.	No.	Name of building.	Station or site.	Remarks.
		(a) On which no rent is paid.		
DIRECTION ...	1	Forest office	Naini Tal ...	This building also accommodates the Kumaun and Garhwál offices.
NAINI TAL SUB-DIVISION.	1	Forest office	Naini Tal.	
	2	Rest-house	Kilberry.	
	3	Ditto	Rauche.	
	4	Ditto	Ninglat.	
	5	Ditto	Jhaludeo.	
	6	Ditto	Kalona.	
	7	Ranger's quarters	China	
	8	Forester's quarters...	Naini Tal.	
	9	Ditto	Manora	
	10	Charcoal godown	Naini Tal.	
	11	Fuel shed	Kailakhan.	
NAINI TAL ... RANIKHET SUB-DIVISION.	12	Office	Chaubattia.	
	13	Rest-house	Ditto.	
	14	Ditto	Dalmoti.	
	15	Ditto	Bellekh.	
	16	Ditto	Siuni.	
	17	Ditto	Alradeo.	
	18	Ranger's quarters	Chaubattia.	
	19	Forest guard's quarters	Deohkhet.	
	20	Forester's quarters	Gailekh.	
	21	Ditto	Siuni.	
	22	Forest guard's quarters	Majkholi.	
	23	Fuel shed	Ranikhet.	
	24	Ditto	Standing camp.	
	25	Ditto	Chaubattia.	
KUMAUN ...	1	Forest office	Haldwani ...	Part house and office.
	2	Ditto	Ditto ...	Conservator's office during winter.
	3	Rest-house	Dechauri.	
	4	Ditto	Chorgalia.	
	5	Ditto	Horai.	
	6	Ditto	Aonlakhera.	
	7	Ditto	Dhanourchour.	
	8	Ditto	Dandakathauti.	
	9	Ditto	Shiala.	
	10	Ditto	Mathiabanj.	
	11	Ditto	Kaladeo.	
	12	Ditto	Sainajani.	
	13	Ditto	Jaulasal.	
	14	Ditto	Shiuntra.	
	15	Ranger's quarters	Dechauri.	
	16	Ditto	Fatehpur.	
	17	Ditto	Haldwani.	
	18	Ditto	Dhalpokhra.	
	19	Ditto	Chorgalia.	
	20	Ditto	Jaula Sal.	
	21	Forest guard's quarters	Aonlakhera.	
	22	Ditto	Jubilganj.	
	23	Ditto	Pilapani.	
	24	Ditto	Sarkhet.	
	25	Ditto	Selakhal.	
	26	Ditto	Kholgarh.	
	27	Revenue depôt	Chandni.	
	28	Ditto	Chunakhan.	
	29	Ditto	Fatehpur.	
	30	Ditto and store house ...	Haldwani.	
	31	Ditto	Horai.	
	32	Ditto	Chargolia.	
	33	Ditto	Rausali	
	34	Ditto	Sudlimat.	
	35	Ditto	Kilpura.	
	36	Ditto	Garapu.	
	37	Ditto	Lalkua.	
	38	Ditto	Tanakpur.	
	39	Store-house	Chorgali.	

APPENDIX C— *(continued)*.

FOREST DEPARTMENT, CENTRAL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

LIST OF BUILDINGS OF WHICH THE COST EXCEEDS RS. 200.

Division.	No.	Name of building.	Station or site.	Remarks.
Garhwál ...	1	Forest office and store room	Ramnagar.	
	2	Elephant shed	Ditto.	
	3	Ditto	Jhirna.	
	4	Rest-house	Dhikala.	
	5	Ditto (new)	Kalagarh.	
	6	Ditto (old)	Ditto.	
	7	Ditto	Boxar.	
	8	Ditto	Jhirna.	
	9	Ditto	Amangarh.	
	10	Ditto	Maldhan.	
	11	Ditto	Dhela.	
	12	Ditto	Ramnagar	
	13	Ditto	Bijrani.	
	14	Ditto	Mohan.	
	15	Ditto	Gairal.	
	16	Ditto	Garjia.	
	17	Ditto	Jalikhan.	
	18	Ditto	Dhungalgarh.	
	19	Ditto	Bhalon.	
	20	Ditto	Kanda.	
	21	Ditto	Larewa.	
	22	Inspection hut	Kushkundli.	
	23	Ranger's quarters	Sidhkhal.	
	24	Ditto	Kanda.	
	25	Foresters quarters	Dhikala.	
	26	Ditto and revenue depôt ...	Amangarh.	
	27	Ranger's quarters and revenue depôt ...	Ramnagar.	
	28	Ranger's quarters	Bijrani.	
	29	Dittto	Mohan.	
	30	Forest guard's quarters	Magnukhal.	
	31	Ditto	Tunaria.	
	32	Ditto	Boxar.	
	33	Ditto	Ganjpani.	
	34	Ditto	Jamnagwar.	
	35	Ditto	Khunanauli.	
	36	Ditto	Sarapduli.	
	37	Ditto	Melani.	
	38	Ditto	Chaknakhal.	
	39	Ditto	Sultanchour.	
	40	Ditto	Kumaria.	
	41	Ditto	Chimtakhal.	
	42	Ditto	Dhungalgarh.	
	43	Ditto	Shikaridera.	
	44	Ditto	Bungajala.	
	45	Ditto	Lohachour.	
	46	Ditto	Ratnadhab.	
	47	Ditto	Bhandarpani.	
	48	Revenue depôt	Kalagarh.	
	49	Ditto	Jhirna.	
	50	Ditto	Patrampur.	
	51	Ditto	Haldua.	
	52	Ditto	Laldhang.	
	53	Ditto	Dhela.	
	54	Ditto	Ramnagar.	
	55	Ditto	Amdanda.	
	56	Revenue check depôt	Jaloban.	
Ganges ...	1	Rest-house	Kunaun.	
	2	Ditto	Chila.	
	3	Ditto	Laldhang.	
	4	Ditto	Haldukhata.	
	5	Ditto	Kotdwara.	
	6	Ditto ...	Saneh	
	7	Ditto	Koluchaur.	
	8	Ditto	Chaukhamb.	
	9	Ditto	Hathikund.	
	10	Ditto	Morghatti.	
	11	Ditto	Pakhrao.	
	12	Ditto	Halduparao.	
	13	Office	Lansdowne.	
	14	Ranger's quarters	Chila.	
	15	Ditto	Saneh.	
	16	Revenue depôt	Laldhang.	
	17	Ditto	Shajnpur.	
	18	Forest guard's quarters	Halduparao.	

APPENDIX C.—(*concluded*).

FOREST DEPARTMENT, CENTRAL, CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

LIST OF BUILDINGS OF WHICH THE COST EXCEEDS Rs. 200—(*concluded*).

Division.	No.	Name of building.	Station or site.	Remarks.
Ganges—(*concld*). ...	19	Forest guard's quarters	Koluchaor.	
	20	Ditto	Dhimki.	
	21	Ditto	Barkhet.	
	22	Ditto	Tumeria.	
Bundelkhand ...	1	Rest-house	Dhukwan.	
	2	Ditto	Deogarh.	
	3	Ditto	Morari.	
	4	Ditto	Manikpur.	
	5	Ditto	Kulua.	
	6	Ditto	Chowri.	
		(*b*)—*On which rent is paid.*		
Ganges ...	1	Forest-house	Lansdowne.	

Naini Tal:
The 19th September 1895.

E. P. DANSEY,
Conservator of Forests, Central Circle, N.-W. P. and Oudh.

APPENDIX I.

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

LIST OF BUILDINGS ON WHICH THE COST EXCEEDS Rs. 200.

Division.	Number.	Name of Building.	Station or site.	Remarks.
		(a) On which no rent is paid.		
Direction	1	Forest office	Lucknow.	
Pilibhit.	1	Rest-houses and out-houses	Mustafabad.	
	2	Ditto ditto	Mahofe	Built during the year.
	3	Ditto ditto	Chuka Dhaya	These buildings are merely grass sheds with mud walls and floor.
	4	Ditto ditto	Burgad	
	5	Ditto ditto	Barahi	
	6	Ditto ditto	Nawadia	
	7	Ditto ditto	Harripur	
	8	Range officers' quarters	Mahofe	These are inferior buildings of earth and thatch. The two range quarters at Mahofe and Mustafabad were shown last year as rest houses but they are now used as Range quarters.
	9	Ditto	Mustafabad	
	10	Ditto	Nawadia	
Kheri.	1	Rest-houses and out offices	Dudua	
	2	Ditto ditto old ...	Do.	
	3	Ditto ditto	Salukapur	
	4	Ditto ditto	Fort	
	5	Ditto ditto	Bilrayan	
	6	Ditto ditto	Chandan Chowki	
	7	Ditto ditto	Naurangabad	
	8	Ditto ditto	Gola	
	9	Ditto ditto	Madha	
	10	Ditto ditto	Baukatti	
	11	Ditto ditto	Sathiana	
	12	Ditto ditto	Sonaripur	
	13	Ditto ditto	Changa Nala	
	14	Ditto ditto	Shitaba	
	15	Ditto ditto	Mailani	
	16	Ditto ditto	Kukra	
	17	Ditto ditto	Mauraina	
	18	Ditto ditto	Palnapur	
	19	Ditto ditto	Kishenpur	
	20	Ditto ditto	Bhira	
	21	Ditto ditto	Bhira	
	22	Forest office	Lakhimpur	
	23	Ditto	Dudua	
	24	Rangers' quarters	Do.	
	25	Ditto	Gola	
	26	Ditto and office	Mudha	

APPENDIX I.

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

LIST OF BUILDINGS ON WHICH THE COST EXCEEDS Rs. 200.—(*continued*).

Division.	Number.	Name of buildings.	Station or site.	Remarks.
Kheri.	27	Saw machinery shed	Sathiana	
	28	Dispensary	Dudua	
Bahraich.	1	Rest house	Nishangara	
	2	Ditto	Bankatwa	
	3	Ditto	Gulra	
	4	Ditto	Motipur	
	5	Ditto	Sujouli	
	6	Ditto	Chakia	
	7	Ditto	Sohelwa	In ruins.
	8	Ditto	Bhachkahi	Do.
	9	Ditto	Murtiha	
	10	Ditto	Abdullaganj	
	11	Ditto	Kakardari	
	12	Ditto	Ponsonbyganj	
	13	Ditto	Bhartha	
	14	Forest office	Bahraich	
	15	Forest office	Motipur	
	16	Ditto	Chakia	
	17	Ditto	Bankatwa	
	18	Rangers' quarters	Nishangara	
Gonda.	1	Rest houses and out offices ...	Chandanpur	
	2	Ditto ditto	Janakpur	
	3	Ditto ditto	Sungarha	
	4	Ditto ditto	Ramgarh	
	5	Ditto ditto	Nandmahra	
	6	Ditto ditto	Barohwa	
	7	Ditto ditto	Birpur	
	8	Ditto ditto	Pipra	
	9	Rangers' house	Ramgarh	
Gorakhpur.	1	Rest house and out offices	Ramgarh	House in good order.
	2	Ditto ditto	Surbar	Ditto.
	3	Ditto ditto	Phamenda	Ditto.
	4	Ditto ditto	Chaumukha	Ditto.
	5	Ditto ditto	Lachmipur	Ditto.
	6	Rest house	Madhaulia	Ditto.
	7	Rest houses and out offices	Banspar	Ditto.
	8	Ditto ditto	Pakri	House in fair condition.
	9	Rest house	Sakhui	Ditto.
	10	Ditto	Dabihar	House in bad order.

APPENDIX I.

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PORVINCES AND OUDH.

LIST OF BUILDINGS ON WHICH THE COST EXCEEDS Rs. 200.—(*concluded*).

Division.	Number.	Name of building.	Station or site.	Remarks.
Gorakhpur.	11	Rest house and out offices	Nichlaul	House in good order.
	12	Ditto ditto	Chawk	Do, in bad order.
	13	Ditto ditto	Gorakhpur	Do. in good order.
	14	Ditto ditto	Jagpur	Ditto.
	15	Forest office	Gorakhpur	
	16	Range office	Chaumukha	
	17	Rangers' quarter	Ramgarh	
	18	Ditto	Banspar	
	19	Ditto	Chaumukha	
	20	Ditto	Lachmipur	
	21	Ditto	Chawk	
	22	Double Forest Guards chauki with a room for Ranger.	West Lehra	Newly built.
	23	Ditto ditto ...	Daibhar	Ditto.
	24	Revenue chauki	Tilkonia	
	25	Ditto	Barhaj	
	26	Ditto	Birdghat	
	27	Beat chauki	Ramgarh	
	28	Kitchen	Sakhui	Ditto.
		(b) On which rent is paid.		
	1	Forest house	Kheri	With necessary out houses
	2	Ditto	Bahraich	
	3	Ditto	Gorakhpur	

DATED NAINI TAL;
The 20th September 1895.

J. E. CAMPBELL, COL.,
Offg. Conservator of Forests, Oudh Circle.

APPENDIX A.

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH,

LIST OF BUILINGS ON WHICH THE COST EXCEEDS Rs. 200.

Division.	Number.	Name of building.	Station of site.	Remarks.
Direction ...	1	Carpenter's Workshop and store ..	Dehra Dún	At the Forest School.
	2	Shed for potting plants ...	Ditto	Ditto.
Dehra Dún ...	1	Rest-house	Rampur Mandi	On the Jumna.
	2	Ditto	Karwapani	Western Dún foot of Siwaliks.
	3	Ditto	Ramgarh	Eastern ditto.
	4	Ditto	Phandowala	
	5	Ditto	Lachiwala	On the Hardwár-Dehra road.
	6	Ditto	Maidan	In Thano Working Circle
	7	Ditto	Kansrau	On the Dehra-Hardwár road.
	8	Ditto	Pardúni	
	9	Range headquarters	Dharmawala	On Timli Pass road
	10	Ditto	Jhajra	On Dehra-Chakrata road.
	11	Ditto	Phandowála	Eastern Dún Siwaliks.
	12	Ditto	Lachiwala	On Hardwár road.
	13	Ditto	Barkot	Eastern Dún foot of Himalaya.
	14	Ditto	Hardwár	
	15	Rangers' rest house	Thano	Eastern Dún foot of Himalaya.
	16	Forest Guard's quarters ...	Asarori	On Mohand Pass.
	17	Ditto	Bulláwala	Eastern Dún.
	18	Ditto	Kharkhari	Suburb of Hardwár
	19	Ditto	Káluwála	On the bank of the Song.
	20	Ditto	Bibiwala	On the Barkot-Rikhikesh road.
Saharanpur ...	1	Forest Office	Dehra Dún	
	2	Rest-house	Kasumri	Harkala Range on the Khara Hardwar road.
	3	Ditto	Dholkhand	Dholkhand Range on the Khara Hardwár road.
	4	Ditto	Beribara	Ditto ditto.
	5	Ditto	Pathri	Near Railway station of same name on Oudh and Rohilkhand Railway.
	6	Ditto ..	Ránipur	Ranipur Range on the Khara Hardwar road
	7	Ranger's quarters	Barkala	Barkala Range
	8	Ditto	Dholkhand	Dholkhand.
	9	Ditto	Ranipur	Ranipur range On the Khara-Hardwár road
	10	Forest Guard's quarters ...	Khara	Barkala Range.
	11	Ditto	Badshahibagh	Ditto.
	12	Ditto	Sháhjahánpur	Ditto
	13	Ditto	Sahensra	Ditto
	14	Ditto	Mohand	Mohand Range
	15	Ditto	Chillawala	Dholkhand ,,
	16	Ditto	Bam	Ditto.
	17	Ditto	Andheri	Ditto.

APPENDIX A.

FOREST DEPATMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

LIST OF BUILINGS ON WHICH THE COST EXCEEDS Rs. 200.—(*continued*).

Division.	Number.	Name of building.	Station of site.	Remarks.
Sahárunpur ...	18	Forest Guard's quarters	Bugawala	Dholkhand Range.
	19	Ditto	Beribara	Ditto.
	20	Ditto	Chirak	Ranipur Range.
	21	Ditto	Maiapur	Ditto ,,
Jaunsár ...	1	Forest office	Chakrata	Rent paid by Divisional Officer.
	2	Forest Divisional headquarter's house.	Ditto	
	3	Rest-house	Deoban	3 miles from Chakrata.
	4	Ditto	Bodyar	On to the west of the Simla road on spurs.
	5	Ditto	Koti Kanasar	
	6	Ditto	Konain	
	7	Ditto	Mundali	16 miles from Chakrata near Simla road.
	8	Ditto	Lokar	On Simla road.
	9	Ditto	Kathian	Ditto 26 miles.
	10	Ditto	Thadiar	On the Tons river.
	11	Ditto	Deota	In Tehri-Garhwál leased forests.
	12	Ditto	Asno	
	13	Ditto	Lambatach	
	14	Ditto	Chachpur	In Raiengarh.
	15	Rest-hut	Balcha	Tehri-Garhwal leased forests.
	16	Ditto	Datmir	In upper Tons.
	17	Ditto	Murach	Near Simla road west of Tons.
	18	Ditto	Bamsu	In Bamsu Valley, Tehri-Garhwál.
	19	Inspection hut	Pajidhar	
	20	Ranger's quarters	Deoban	
	21	Ditto	Konain	
	22	Ditto	Mundali	
	23	Ditto	Tiuni	On the lower Tons.
	24	Ditto	Thadiar	
	25	Ditto	Bamsu	
	26	Ditto	Deota	
	27	Ditto	Lambatach	
	28	Ditto	Manjni	Near Lambátách.
	29	Ditto	Sansog	West of the Tons.
	30	Ditto	Dakhpathar	On Jumna River.
	31	Ditto	Chakrata	
	32	Forest Guard's quarters ...	Deoban	
	33	Ditto	Bodyar	
	34	Ditto	Koti Kanasar	
	35	Ditto	Konain	

APPENDIX A.

FOREST DEPATMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

LIST OF BUILINGS ON WHICH THE COST EXCEEDS Rs. 200.—(*concluded*).

Division.	Number.	Name of building.	Station of site.	Remarks.
Jaunsár ...	36	Forest Guards' quarters ...	Mundali	
	37	Ditto	Kathian	
	38	Ditto	Koti Bawar	
	39	Ditto	Garsari	
	40	Ditto	Thadiar	
	41	Ditto	Deota	
	42	Ditto	Naintwar	
	43	Ditto	Shalra	
	44	Ditto	Gokul	
	45	Ditto	Kalsi	
	46	Ditto	Dakhpathar	
	47	Ditto	Bogriwála	Head works of Western Jumna Canal.
	48	Old office	Deoban	
	49	Ditto	Deota	
	50	Students' quarters	Deoban	
	51	Ditto	Mundali	
	52	Ditto	Kathian	
	53	Ditto	Thadiar	
	54	Ditto	Deota	
	55	Ditto	Lambatach	
	56	Karbir fuel shed	Chakrata	
	57	Timber shed	Ditto	
	58	Fuel shed and godown	Ditot	
	59	Parade fuel shed	Ditto	
	60	Head clerk's quarters	Ditto	
	61	2nd ditto ditto	Ditto	
	62	3rd ditto ditto	Ditto	
	63	Munshi's ditto	Ditto	
	64	Clerk's ditto	Deoban	
	65	Shop	Ditto	
	66	Coolies' shed	Bhujkoti	On Simla road.
	67	Baniah's shop	Mundali	
	68	Ditto	Thadiar	
	69	Ditto	Bameú	
	70	Ditto	Deota	
	71	Doctor's quarters	Ditto	

DATED DEHRA DUN:
The 16th September 1875.

A. SMYTHIES,
Offg. Conservator of Forests, School Circle, N.-W. P. and Oudh.

APPENDIX B.

FOREST DEPARTMENT, SCHOOL CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

STATEMENT SHOWING THE RAINFALL AT DEHRA DÚN, RAJPUR, MUSSOORIE, AND THE SEVERAL FOREST STATIONS DURING 1894-95.

Month.	Dehra Dún.	Rajpur.	Mussoorie.	Dehra Dún Division.							Saháranpur Division.						Jaunsar Division.					
				Dharmawala.	Jhajra.	Asarori.	Phaldawala.	Lachiwala.	Barkot.	Khurkhuari (Hardwar North).	Rampur.	Dholkhand.	Mohand.	Chapri.	Saheuara.	Barkala.	Dakhpathar.	Chakrata.	Deoban.	Mundali.	Sansog.	Doota.
July 1894 ..	43 76	73·62	32·18	36 62	30·64	40·23	36 33	40 41	43 67	35·23	39·04	33 14	39 91	36 56	31·76	36·60	35·75	19·93	22·00	19·42	14·76	25 24
August „ ...	32 13	67 30	40·92	32 31	26 96	87 29	33 81	31 54	35 67	24·47	15·71	23·77	29·83	28 36	22·16	21 32	35·80	22·51	19 19	16 42	9·28	15·85
September „ .	5 72	10·70	11 31	7·55	8 35	10·61	10 59	8 04	7 00	6 14	6·30	6 91	9·47	15·78	7·82	7·55	7·68	7·87	8·08	6 62	4·95	5 40
October „ ..	3·94	1·90	2 90	2·27	2 56	4·24	3 89	2·05	4·09	1·92	0 80	3 78	3 62	2 50	1·98	2 67	1·34	2 10	2 66	3 08	2·12	6 10
November „ ...	1·36	0 34	1 48	2 72	2·56	1·52	1 29	1 58	1·42	1·41	1·60	2·77	2·90	2·60	3·17	2·98	1 83	1 58	1·78	2 66	2·91	1 65 Removed to Thadiar.
December „ ...	3·88	4 20	6 08	4·42	6·07	4 52	3·71	5 06	3 86	3 45	3·64	3·36	3·91	3 72	3·80	3·93	5·24	6·63	7·09	2 94 Removed to Tiuni.	4·99	5·48
January 1895 .	4·21	4 32	4 67	3·42	4·52	4 88	4·48	4 09	4 21	2 25	4·48	5 11	4 67	3 20	3·67	3·48	3·45	6·80	6 94	4·61	8 25	5·75
February „ ...	2 55	2 45	3 76	1·40	2·60	4·37	3·18	1·98	2 21	2 61	2 90	0 92	5 30	1·56	1·06	1 60	2 23	4·64	5 20	1 78	2 70	2 03
March „ ...	0·26	...	0·65	0·07	0·19	0·40	0 41	0 31	0·30	..	0 43	0·14	0·60	0·07	0·14	0 06	0·07	0·81	1·64	0 83	1 56	0 92
April „ ...	1 49	0·85	2·62	0·37	0·68	0 90	1 08	0 84	0 30	0 50	0 39	0 32	0 34	2 75	0 75	0·92	0·84	2 06	1·30	0 97	3·46	2 37 Removed to Bamsu
May „ ...	1·20	1·07	1 41	0·76	1 07	1·26	1 07	0 97	0 64	0·67	0 77	0 71	0 43	...	0·20	0 12	1 85	0 57	1 30	0·99	0·30	1 92
June „ ...	14 64	32·65	19·24	10·00	11·29	13 14	13 30	13·62	18 59	14·94	6·23½	14 26	12 98	16·15	13·78	16·22	21 72	17·46	10·69	9 03	5·48	9·23
Total ...	115·04	199·40	127 22	101·91	97·49	123·36	113 14	110 49	121·96	93 59	81·29	95·19	113·96	113 25	90·29	97·45	117 80	92·96	87·87	69 35	60 66	81 94

DATED DEHRA DUN:
The 16th September 1895.

A. SMYTHIES,
Offg. Conservator of Forests, School Circle, N.-W. P. and Oudh.

(cxliv)

APPENDIX II.

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

RECEIPTS.

Budget sub-head	Direction.			Pilibhit.			Kheri.			Bahraich.			Gonda.			Gorakhpur.			Total.		
	1893-94.	1894-95	Difference	1893-94.	1894-95.	Difference.	1893-94.	1894-95.	Difference.	1893-94.	1894-95.	Difference.	1893-94.	1894-95.	Difference.	1893-94.	1894-95.	Difference.	1893-94.	1894-95.	Difference.
I.—*a*. ...	...	...	...	91	4	—87	1,67,736	1,00,135	—67,601	938	2,934	+1,996	2,218	1,046	—1,172	18,983	15,571	—3,412	1,89,966	1,19,690	—70,276
b ...	...	...	...	1,694	774	—920	19,079	16,308	—2,771	5,310	4,240	—1,070	12,325	12,024	—301	76,465	53,781	—22,684	1,14,873	87,127	—27,746
c ...	...	...	...	...	...	...	...	...	...	...	353	+353	...	...	...	10	32	+22	10	385	+375
d ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
e ...	...	...	...	20	...	—20	2,676	11,146	+8,470	10,448	52	—10,396	2,009	3,759	+1,750	...	4,180	+4,180	15,153	19,137	+3,984
II.—*a*. ...	...	...	...	144	169	+25	1,34,335	1,63,603	+29,268	73,567	85,898	+12,331	17,862	10,236	—7626	1040	8,147	+7,107	2,26,948	2,68,053	+41,105
b ...	...	...	...	785	2,792	+2,007	555	6,158	+5,603	1,261	1,073	—188	1,576	2,879	+1,303	4,020	5,793	+1,773	8,197	18,695	+10,498
c ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19	93	+74	19	93	+74
d ...	...	...	...	722	706	—16	15,410	7,584	—7,826	21,825	19,191	—2,634	7,625	5,094	—2,531	5,242	4,212	—1,030	50,824	36,787	—14,037
e ...	...	...	...	2,813	2,925	+112	6,215	1,759	—4,456	9,231	8,688	—543	8,299	3,256	—5,043	18,315	11,477	—6,838	44,873	28,106	—16,768
III. ...	...	...	...	48	...	—48	1,506	1,461	—45	4,084	2,293	—1,791	384	198	—186	5,217	4,205	—1 012	11,239	8,157	- 3,082
IV.—*a*. ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
b ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...
V.—*a*. ...	...	...	...	10	...	—10	...	38	+38	416	331	—85	...	29	+29	3	70	+67	429	468	+39
b ...	7	3	—4	2	64	+62	193	1,728	+1,535	270	121	—149	2	8	+6	257	838	+581	731	2,762	+2,031
c ...	99	3	—96	19	15	—4	1,958	9,403	+7,445	6,976	5,911	—1,065	900	913	+13	3 203	3,805	+602	13,155	20,050	+6,895
Total ...	106	6	—100	6,348	7,449	+1,101	3,49,663	3,19,323	—30,340	1,34,326	1,31,085	—3,241	53,200	39,442	—13,758	1,32,774	1,12,204	—20,570	6,76,417	6,09,509	—66,908

APPENDIX II.

FOREST DEPARTMENT, OUDH CIRCLE, NORTH-WESTERN PROVINCES AND OUDH.

RECEIPTS.—(*concluded*).

Budget sub-head.	Direction.			Pilibhít.			Kheri.			Bahraich.			Gonda.			Gorakhpur.			Total.		
	1893-94.	1894-95.	Difference.	1893-94.	1894-95.	Difference.	1893-94.	1894-95.	Difference.	1893-94.	1894-95.	Difference.	1893-94.	1894-95.	Difference.	1893-94.	1894-95.	Difference.	1893-94.	1894-95.	Difference.
AI.—*a* ...	...	...	...	6	...	—6	6,978	467	—6,511	941	960	+ 19	1,445	880	—565	4,658	547	—4,111	14,028	28,54	-11,174
b ...	...	...	...	1,525	251	—1,274	11,788	3,962	—7,826	4,458	4,580	+ 122	7,557	4,098	—3,459	35 572	30,004	—5,568	60,900	42,895	—18,005
c ...	...	...	...	...	...		...	...	...	852	478	—374	...	..	..	44	...	—44	896	478	—418
d ...	...	...	...	...	...	...	...	..	...	...	...	...	.	...	...	...	.	..	.	...	
e ...	...	...	...	..	...	..	48	6,139	+ 6,091	3,001	232	—2,769	2,129	1,175	—954	...	185	+ 185	5,178	7,731	+ 2,553
AII ...	...	...	...	955	976	+ 21	4,636	3,968	—1,368	2,729	4,392	+ 1,663	1,686	1,105	—581	1,485	1,638	+ 153	11,491	11,379	—112
AIII ...	...	...	...	...	...	...	920	622	—298	1,646	1,756	+ 110	339	376	+ 37	2,133	2,617	+ 484	5,038	5,371	+ 333
AIX.—*a*...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
b ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
AV ...	...	...	...	...	...	...	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...
AVI.—*a* ..	...	...	...	...	...	...	2,700	..	—2,700	2,200	...	—2,200	...	...	...	...	...	..	4,900		—4,900
b ...	330	580	+ 250	474	456	—18	761	1,506	+ 745	870	1,044	+ 174	613	458	—155	979	686	—293	4,027	4,730	+ 703
c ...	66	120	+ 54	405	240	—159	927	826	—101	972	342	—630	258	549	+ 291	696	741	+ 45	3,324	2,824	—500
AVII—*a*.	...	...	...	783	674	—113	5,251	6,445	+ 1,194	3,040	4,357	+ 1,317	898	2,119	+ 1,221	1,819	5,159	+ 3,340	11,791	18,750	+ 6,959
b ...	...	57	+ 57	1,190	3,390	+ 2,200	8,710	9,105	+ 395	2,995	6,218	+ 3,233	2,988	4,705	+ 1,717	7,730	6,641	—1,089	23,613	30,116	+ 6,503
c ...	...	12	+ 12	57	42	—15	437	970	+ 533	1,574	657	—913	1,131	679	—452	140	451	+ 311	3,385	2,811	—524
AVIII.—*a*	...	...	...	11 33	1,734	+ 601	2,227	327	—1,900	2,175	4,774	+ 2,199	115	894	+ 779	929	1,272	+ 343	6,979	9,001	+ 2 022
b ...	...	...	...	..	...	...	..	..	...	...	...	...	...	...	...	4,545	678	— 3,867	4,545	67	—3,867
c ...	...	...	...	879	850	— 29	10,866	2,356	—8,510	...	3,188	+ 3,188	704	5,526	+ 4,822	...	...	..	12,449	11,920	— 529
d ...	2,009	456	—1,553	2	...	—2	3	27	+ 24	47	14	— 33	8	...	—8	...	...	...	2,069	497	—15,72
e ...	...	...	...	...	...	..	...	...	...	...	105	+ 105	18	...	—18	22		—22	40	105	+ 65
f ...	...	...	...	1,961	1,445	—516	9,687	8,217	—1,470	5,079	4,974	—105	709	2,865	+ 2,156	4,423	2,441	—1,982	21,859	19,942	—1,917
g ...	...	...	...	568	241	—327	537	2,397	+ 1,860	3,185	2,518	—667	537	690	+ 153	629	347	—282	5,456	6,193	+ 737
AIX.—*a*...	4	..	—4	50	21	—29	471	162	—309	37	324	+ 287	43	32	—11	99	24	—75	704	563	—141
b ...	...	...	...	1	...	—1	...	...	...	...	...	...	...	1	+ 1	20	30	+ 10	21	31	+ 10
c ...	16	7	—9	127	32	—95	1,810	870	—940	4,078	2,381	—1,697	64	503	+ 439	2,288	119	—2,169	8,383	3,912	—4,471
Total ...	2,425	1,232	—1,193	10 116	10,354	+ 238	68,757	47,666	—21,091	40,275	43,294	+ 3,019	21,242	26,655	+ 5,413	68,211	53,580	—14,631	2 11,020	1,82,781	—28,245

DATED NAINI TAL:
The 20th September 1895.

J. E. CAMPBELL, COLONEL,
Officiating Conservator of Forests, Oudh Circle.

ORDERS OF GOVERNMENT.

No. $\frac{2}{\text{XIV}-\frac{672A}{1}}$ OF 1896.

RESOLUTION.

FOREST DEPARTMENT.

Dated Allahabad, the 3rd January 1896.

READ—

Annual Progress Reports of the Administration of the Forest Department, North-Western Provinces and Oudh, for the Forest year ending 30th June 1895.

OBSERVATIONS.—The reports of the three circles were despatched to the Press between the 16th and 20th September, but again there was considerable delay in printing them, and they were not received by Government till the 13th November.

EXTENSION AND CONSTITUTION OF STATE FORESTS.

2. *Areas.*—The areas of the different classes of forests at the commencement and close of the year were as follows:—

Circle.	*Reserved forests.*		*Protected forests.*		*Unclassed forests.*	
	1st July 1894.	30th June 1895.	1st July 1894.	30th June 1895.	1st July 1894.	30th June 1895
	Sq miles.	Sq miles	Sq miles.	Sq miles	Sq miles	Sq miles.
Central	1,712	1,715	†9,319	†9,319	32	30
Oudh	1,248	1,248	...	...	..	..
School	*807	*807	...	...	14	14
Total ...	3,762	3,765	†9,319	†9,319	46	44

* Inclusive of 85 square miles of leased forests.

† Includes 9,225 square miles of unmeasured lands in the hill country of the Almora, Naini Tal, and Garhwál districts managed by the Deputy Commissioners.

The changes effected during the year were thus unimportant. In the previous year's report two square miles of reserved forest had been wrongly included (in the Central Circle) under unclassed forest; this mistake has now been rectified. The addition of a few acres to the area of the Kumaun forests in the same Circle (Notification No. 316F., dated 29th May 1894) has accounted for a further increase of one square mile under reserved forests.

The approximate area of the newly constituted protected forests (under the management of the Deputy Commissioners) in the hilly regions of the Naini Tal, Almora, and Garhwál districts is shown for the first time at 9,225 square miles. While the protection of these areas will, it is hoped, arrest the further denudation of the hills, the forests themselves must be managed mainly in the interests of the local communities, and without curtailing the reasonable exercise of the privileges immemorially enjoyed by them.

To each Deputy Commissioner has been given a certain number of trained forest subordinates, and the District Officers are responsible

for the management, but there should be no hesitation on their part in seeking the advice of the Conservator of the Central Circle in all professional matters.

3. *Forest settlements.*—In the Central Circle the inquiry (under the concluding clause of section 34 of the Forest Act) into the rights of Government and private persons over those forests of the Kumaun Civil Division that had, previous to their notification as reserved forests under section 34 of the Forest Act, not been made the subject of sufficient inquiry, was completed during the year, and a notification will shortly appear in the Gazette of these Provinces specifying the rights of private persons and communities over these State properties as finally accepted by Government.

In the same Circle the settlement of the protected forests *managed by the Forest Department* in the Naini Tal and Almora districts, with the view to their being made reserved forests, is nearing completion, while the settlement of a number of other forest tracts was taken in hand for the first time during the year. Among these may be noticed some important areas in the vicinity of the town and cantonment of Almora, the bare surroundings of which sufficiently testify to the expediency of the measures now being taken.

The question of reserving certain catechu-producing areas in the Kumaun Bhábar, reference to which was made in paragraph 3 of last year's Resolution, is still under the consideration of Government, as is also the proposal, referred to in the same place and in paragraph 2 of the Government of India's review of forest administration in these Provinces for the year 1893-94, to bring under the Forest Act all forest lands in the Tarái at present administered by the Deputy Commissioner of Naini Tal, if only with the object of placing proprietary rights on a sound legal basis and of facilitating the management of these areas. Mr. N. Hearle, Deputy Conservator of Forests, completed an interesting report on the Tarái forests in March last, and the whole subject of the future management of these lands is now engaging the serious attention of Government.

The settlement of a number of reserved forests in the Central Circle is undergoing revision (under section 21 of the Forest Act), principally with the view to excluding goats and modifying the conditions which regulate the supply of firewood to the rightholders.

In the Oudh Circle much valuable work has been done during the year in connection with the definition of concessions, and it is expected that this very important work will be completed for the entire Circle within the ensuing year.

In the School Circle about 300 acres of the Uparla Song block were under settlement as reserved forest.

4. *Demarcation.*—In the Central Circle the total length of forest boundaries increased during the year from 2,997 miles to 3,001 miles, of which 2,508 miles are artificially demarcated. The condition of the

artificially demarcated boundaries is reported to be satisfactory as regards the outside limits of the forests, but not altogether so as regards at least some of the interior village lands. The matter is being enquired into by the Conservator, whose next administration report should contain the necessary information on the subject. The expenditure incurred in this Circle on demarcation during the year was Rs. 1,151.

In the Oudh Circle the total length of forest boundaries at the close of the year appears to have undergone no change. It remained at 1,434 miles, of which 1,137 miles are demarcated boundaries. It is understood that the work of replacing the old marks along the latter by monoliths showed a fair degree of progress during the year, corresponding as it does to a total outlay of Rs. 9,001. But the report of the Oudh Circle is not sufficiently clear in this respect. Form 48 does not in all instances agree with what is said in the body of the report (paragraph 3), and taking both together, it is not easy to differentiate new work from mere repairs to previously existing works, or to arrive at a clear conception of what was really done during the year and what remains to be done hereafter.

In the School Circle the total length of forest boundaries is now shown at 974 miles as compared with 978 miles in the previous year's return. The difference is due to an error in the latter statement. The total length of natural boundaries is given at 313 miles, leaving 661 miles of artificial boundary. Of this length 528 miles had been demarcated at the close of the year: 133 miles remaining (not 313 miles, as incorrectly stated in paragraph 4 of the Conservator's report) to be still dealt with, as compared with 150 miles at the commencement of the year. Nearly the whole of this incompleted demarcation is situated in the Jaunsár Division, and is said to be only so far incomplete that no connecting path or ditch has yet been made from pillar to pillar. The condition of existing demarcated boundaries in the School Circle is not referred to, but from the mileage (236 miles) that underwent repairs, and the amount (Rs. 1,447) expended thereon, it is assumed that this important matter receives adequate attention.

5. *Surveys.*—The Imperial Forest Survey Department continued its work in the Oudh Circle, and 358 square miles of forest were surveyed by it in the Bahraich and Gonda Divisions. The only forests remaining unsurveyed by it in this Circle at the close of the year were the Gorakhpur forests, about a third of the Bahraich forests, and 8 square miles of the Gonda forests. It is to be regretted that the Forest Survey Department could not commence work during the year in the Gorakhpur forests, where a survey is stated to be urgently required in connection with the checking of the areas of the annual *coupes*.

In the Central Circle 115 square miles of the Lalitpur forests in Bundelkhand were surveyed during the year by the same agency, leaving only 35 square miles at the close of the year to be taken under survey in this circle.

In the School Circle the whole area of forests has been surveyed.

MANAGEMENT.

6. *Working plans.*—Considerable progress was effected under this head during the year, with the result that complete working plans for the Garhwál and Ganges divisional forests may be expected to issue within the next few months; they are now in the Press.

A working plan for the Naini Tal municipal forests has also been introduced with effect from the 1st October 1895, and the Lieutenant-Governor is glad to learn, with reference to the remarks made by Mr. Dansey in paragraph 26 of his report, that the Military Department has, since that report was written, agreed to accept the working plan framed for the Naini Tal cantonment forests, subject to some unimportant modifications in the matter of grazing and management.

In the Oudh Circle three working plans were in course of preparation during the year, which will complete the working plans for all the divisions of that Circle, excepting 136 square miles in the Gonda district. The prescriptions of existing working plans and plans of operations appear in general to have been satisfactorily worked up to. Where this was not the case, unavoidable retrenchment and an inadequate staff of trained executive officers are given as the reasons for non-compliance, and in this last connection it may not be amiss to repeat what was said in paragraph 6 of last year's review: "The Lieutenant-Governor recognises the difficulty that will be felt in giving effect to the new detailed working of the forests, systematized by working plans, unless the necessary additions to the executive staff are promptly sanctioned."

The Lieutenant-Governor is, however, compelled to observe that the failure to dispose of the large quantity of valuable sál timber in the Nindhaur and Kalaunia working circles of the Kumaun Division, as provided by the working plan for the forests of that charge, is an unsatisfactory feature in the year's administration, which is not explained by the want of an adequate staff. If, owing to the unfavourable situation of the forests, the demand for timber was small, it was obviously the duty of the Department to have stimulated the demand by timely reductions in the rates. It seems evident that the quantity of timber and other produce which may, under the provisions of a working plan, be taken annually out of a given forest, ought to be so withdrawn in its entirety when practicable, and sold at the best prices obtainable in the open market. It is not the policy or the wish of Government to take advantage of the virtual monopoly possessed by it of the timber-producing areas in these Provinces to have even the appearance of desiring to maintain prices for forest produce at a high level; but, on the contrary, to place the largest quantity of this produce on the market, consistent with the permanent upkeep of its forest estates and their capacity to furnish this quantity of

material annually and continuously, and to rest satisfied with the current market value of the material as represented by its worth to the consumer at the time. The larger the quantity offered for sale, the lower the prices (although not necessarily a lower revenue), and it is in the interests of Government to reduce prices to the lowest limits, provided that they do not cease to correspond to the fair value of the produce in the open market. Conservators should endeavour, as far as this may be possible in actual practice, without surrendering to trade combinations the just claims of the State proprietor, to dispose of the whole quantity of the sanctioned annual outturn at its current market value; that is to say, at such prices as the public, or its representative agents, the timber traders, are prepared to bid for it *in fair and open competition.*

7. *Communications and buildings.*—The nature and cost of the works executed during the year under this head are summarized and compared with the results of the previous year in the following table:—

Circle.	*Roads and bridges.*		*Buildings.*		Other works.	Total.	Percentage on gross expenditure.
	New works.	Repairs.	New works.	Repairs.			
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Central	7,750	26,331	13,446	5,816	1,653	54,996	15·21
Oudh	7,540	11,210	23,563	6,553	2,811	51,677	16·53
School	4,453	7,437	5,634	3,564	1,980	*23,068	7 82
Total ...	19,743	44,978	42,643	15,933	6,444	1,29,741	13 39
Total, 1894-95 ...	64,721		58,576		6,444	1,29,741	13 39
Total, 1893-94 ...	58,560		53,713		6,943	1,19,216	12·45

* Form No. 61 shows Rs. 23,024, or Rs. 44 less under roads and bridges than is shown in Form No. 51.

In the Central Circle, if the Garhwál Division be excepted, the new road work of the year was confined to inspection paths. It is observed that the cost of all works in this Circle is relatively much greater than for the same class of work in the other two Circles. This is probably due to the circumstance of the Central Circle forests being, for the most part, situated in mountainous and scantily inhabited localities, where labour is scarce, and where the construction and maintenance of roads present unusual difficulties.

In the Oudh Circle good progress appears to have been made during the year in building suitable quarters for subordinates and constructing export roads.

In the School Circle, too, the works under this head appear to have kept pace with administrative requirements.

8. *Breaches of Forest law.*—The following table compares the results of the year with those of the previous year :—

Circle.		Cases taken into Court.				Percentage of persons convicted to persons prosecuted.	Cases compounded under Section 67.	
		Convictions.		*Acquittals.*				
		Cases.	Persons.	Cases.	Persons.		Cases.	Persons.
Central...	1893-94 ...	40	64	2	15	81	391	683
	1894-95 ...	39	66	8	15	81	343	698
Oudh ...	1893-94 ...	49	87	18	37	70	104	200
	1894-95 ...	53	118	13	44	78	85	200
School ...	1893-94 ...	7	26	...	...	100	127	289
	1894-95 ...	12	17	3	5	77	102	250
Total ...	1893-94 ...	96	177	20	52	77	622	1,172
	1894-95 ...	104	201	24	64	76	530	1,148

The figures are so much the same for both years that but few remarks seem called for. In the Oudh Circle the percentage of convictions continues to be relatively low, and in the School Circle it declined during the year from 100 to 77. The amounts accepted in compensation under section 67 of the Forest Act seem to have been moderate and to have differed but slightly in the three Circles :—

	Rs.	a.	p.
Central Circle	2	7	2
Oudh „	2	9	4
School „	2	9	8

9. *Protection from fire.*—The following table compares results with those of the previous year :—

Circle.		Total area of Circle.	Area attempted to be protected.	Percentage of area attempted to total area of Circle.	Area actually protected.	Failures	Percentage of failures.	Cost during the year.	Cost per acre actually protected.
		Acres.	Acres.		Acres.	Acres.		Rs.	Pies.
Central...	1893-94 ...	1,176,793	792,323	67·32	753,570	38,753	4·89	23,851	6·07
	1894-95 ...	1,176,911	858,139	72 91	853,783	4,356	0·51	24,434	5·49
Oudh ...	1893-94 ...	795,287	611,098	76·84	568,564	42,534	6·96	21,859	7·38
	1894-95 ...	795,297	611,099	76·84	600,862	10,237	1·67	19,942	6 37
School ...	1893-94 ...	462,284	428,281	92·64	408,362	19,919	4·65	7,257	3·41
	1894-95 ...	525,395	429,881	81·82	427,953	1,928	0·45	7,760	3·48
Total ...	1893 94 ...	2,434,364	1,831,702	75·24	1,730,496	101,206	5 52	52,967	5·87
	1894-95 ...	2,497,603	1,899,119	76·04	1,882,598	16,521	0·87	52,136	5·32

The season was a favourable one for fire conservancy, and the results achieved in all three Circles were eminently satisfactory. The largest area burnt was in the Oudh Circle, and two-thirds of the failures in that Circle occurred, as usual, in the Pilibhít Division. Indeed, Mr. Wilmot is of opinion that had not the weather been generally favourable to protection, the conflagrations in this district would

have attained to the extravagant dimensions of former years. The responsibility of the village communities of Pilibhit has now been defined by the notifications which direct that their rights of user shall be exercised in particular compartments. If fire is caused wilfully or through gross negligence in any compartment, application may be made by the Conservator to suspend, under the final clause of section 25, Act VII of 1878, the rights to pasture and forest produce possessed by the offending villages.

In their reports for the next year (1895-96) the three Conservators are requested to report in detail on the forest areas to which fire protection has not yet been systematically extended, explaining the reasons for the exclusion of these tracts and the prospects of extending protection, within a reasonable period, to the entire area of their charges.

10. *Regulation of grazing and protection from cattle.*—The following table is a summary of the results under this head and compares figures with those of the previous year :—

Circle.	Total forest area.	Open to cattle.	Buffaloes grazed.	Bullocks and cows grazed	Sheep and goats grazed.	Other animals.
	Sq. miles.	Sq. miles.	No.	No.	No.	No.
Central	1,839	1,114	51,106	158,291	80,849	4,031
Oudh	1,243	615	47,594	267,810	28,113	2,105
School	821	598	15,261	48,775	80,746	15,623
Total, 1894-95 ...	3,903	2,328	113,961	474,876	184,708	21,759
Total, 1893-94 ...	3,903	2,325	122,032	542,586	176,099	20,895

Some two-thirds of the forest area continued to be kept open for grazing. It is noticed that in the Oudh Circle the number of horned cattle that grazed during the year in the State forests was 46,000 less than the number reported for 1893-94, and that the number of this class of cattle grazing in the School Circle forests declined by 29,000. In the Central Circle, again, the number of goats and sheep allowed into the Government forests increased during the year from 66,000 to 81,000. No explanations of these differences are given in the reports of the three Conservators.

The total number of cattle of all kinds that had recourse to the Government forests during the year was 795,304, and with reference to the subject of grazing dues can be classed as follows :—

(i) Cattle belonging to rightholders and other people grazing free	263,609
(ii) Cattle permitted to graze at reduced rates ...	314,054
(iii) Cattle grazing at full rates	217,641
Total ...	795,304
	Rs.
The revenue foregone under (i) and (ii) amounts to ...	79,723
The revenue actually received under (ii) and (iii) was ...	85,798
Total value of the grazing at full rates ...	1,65,521

Rules for regulating the capture of wild cattle in the Bhinga forests of the Oudh Circle were introduced during the year (G. O. No. $\frac{243}{XIV-503A}$, dated the 30th March 1895) and are reported to have been already beneficial in diminishing cattle trespass within the closed areas.

11. *Natural reproduction.*—There is but little to notice under this head. Generally speaking, the year appears to have been an indifferent one for the seeding of sál. The Conservator of the School Circle attributes the circumstance, as regards his own charge, to the heavy monsoon rains of 1893 and 1894, "leading to the trees growing more rapidly and checking their flowering and forming seeds." The Conservator of the Central Circle bears witness to the great improvement effected in the condition of the Bhábar sál forests within the last 15 years.

12. *Artificial reproduction* —The Chaubattia horticultural garden continued to encourage the culture of European fruit trees in the Kumaun hills. Trees are supplied at a cheap price to the Kumaun villagers. The question of appointing a few trained *mális* to visit the villages and teach the cultivators how and when to prune, manure, weed, and hoe the ground about their fruit trees should be considered.

The experiments being made in the Kumaun Bhábar for the encouragement of khair and haldu reproduction and the discovery of the peculiar conditions under which the propagation of these two species by natural means may be best effected, have not yet attained the stage that admits of accurate conclusions being formed. The unfavourable remarks made in the reviews of the past two years regarding the management of the Johra plantation in the School Circle appear to be still further warranted by the statement in this year's report that "in the areas previously planted it was found that the bamboos had died choked up with long grass."

13. *Exploitation of forest produce.*—Reference has already been made to the failure of the Kumaun Division of the Central Circle to dispose of its available sál timber. Thus out of 5,140 full grown sál trees rendered available for felling under the provisions of the working plan, only 2,275 found a sale.

As pointed out in last year's review, there is great room for the opening out of the forests by light railways, more especially in the Central Circle, and when these improved means of transport have been introduced, there is little doubt that large quantities of forest produce which now runs to waste, or is saleable with difficulty and at low prices, will find a profitable market. In this connection the remarks made by the Conservator of the Central Circle in paragraphs 55 and 56 of his report, and by the Conservator of the Oudh Circle in paragraph 30 of his report, have been read with interest. The Najibabad-Kotdwara project has since then been sanctioned and will be taken in hand at once, and the general opening out by branch lines of railway of the submontane forest regions will be effected as completely and as expeditiously as circumstances will admit. It is noticed with satisfaction that the extraction of forest produce by Government agency

has nearly ceased in the Oudh forests and been replaced by the system of removal by purchasers. The resin and turpentine industry continued to prosper in the School Circle and is now on the point of being introduced into the pine forests of the Central Circle, which should be even better situated than those of the School Circle for making it a profitable undertaking of a kind to attract private enterprise.

14. *Gross yield and outturn of forest produce.*—The following abstracts of Forms 57, 58, 59 give the total outturn of the forests in the three Circles, and compare it with the results obtained in the previous year :—

	In cubic feet (000's omitted).									
	Class.						*By whom removed.*			
	Total outturn.	Clear or regeneration fellings.	Selection fellings.	Improvement fellings.	Coppice fellings.	Unregulated fellings.	Government agency.	Purchasers.	Free grantees.	Rightholders.
Central Circle.										
Timber ...	9,98,	26,	3,62,	4,02,	...	2,08,	50,	7,44,	18,	1,86,
Firewood ...	40,18,	1,04,	9,	7,72,	...	31,33,	3,18,	11 66,	2,	25,32,
Minor produce ...	Rs. 2,77,862	...	...	...	...	...	7,698	2,27,920	41	42,203
Oudh Circle.										
Timber ...	41,02,	...	24,	29,24,	30,	11,24,	36,	30,30,	6,48,	3,88,
Firewood ...	49,21,	...	...	23,06,	18,50,	7,65,	14,31,	32,59,	73,	1,58,
Minor produce ...	Rs. 1,04,090	...	...	...	...	...	20,910	68,048	6,987	8,145
School Circle.										
Timber ...	8,05,	77,	5,73,	1,12,	...	*43,	2,76,	4,68,	...	61,
Firewood ...	18,63,	9,83,	1,05,	4,	68,	†7,03,	2,37,	3,44,	1,	12,81,
Minor produce ...	Rs. 70,314	...	...	...	...	...	7,986	53,375	...	8,953
Gross Total										
Timber ...	59,05,	1,03,	9,59,	34,38,	30,	13,75,	3,62,	42,42,	6,66,	6,35,
Firewood ...	1,08,02,	10,87,	1,14,	30,82,	19,18,	46,01,	19,86,	47,69,	76,	39,71,
Minor produce ...	Rs. 4,52,266	...	...	...	...	...	36,594	3,49,343	7,028	59,301
1893-94.										
Timber ...	37,34,	24,	11,79,	8,69,	34,	16,28,	5,47,	18,53,	7,96,	5,38.
Firewood ...	85,16	25,	11,07,	12,00,	11,72,	50,12,	23,28,	20,17,	1,83,	39,88.
Minor produce ...	Rs 4,81,092	...	...	...	..	...	21,542	3,61,360	37,015	58,175

* Including 32,000 cubic feet drift wood.
† Including 2,23,000 cubic feet drift wood.

	Government agency.				*Purchasers.*				*Free grantees.*				*Rightholders.*			
	Central Circle.	Oudh Circle.	School Circle.	Total.	Central Circle	Oudh Circle.	School Circle.	Total.	Central Circle.	Oudh Circle.	School Circle.	Total.	Central Circle.	Oudh Circle.	School Circle.	Total.
Timber.	*Cubic feet (000's omitted).*															
1893-94 ...	66,	1,50,	3,31,	5,47,	6,89,	6,74,	4,90,	18,53,	29,	7,67,	...	7,96,	1,78,	2,67,	93,	5,38,
1894-95 ...	50,	86,	2,76,	3,62,	7,44,	30,30,	4,68,	12,12,	18,	6,48,	...	6,66,	1,86,	3,88,	61,	6,35,
Firewood.																
1893-94 ...	2,68,	17,97,	2,63,	23,28,	12,48,	4,95.	2,74,	20,17,	8,	1,71,	4,	1,83,	25,32,	52,	14,04,	39,88,
1894-95 ...	3,18,	14,81,	2,37,	19,86,	11,66,	32,59,	3,44,	47,69,	2,	73,	1,	76,	25,32,	1,58,	12,81,	39,71,

The following statements summarize the results shown above :—

Timber.

Circle.	1893-94.	1894-95.	Difference in 1894-95.
	C.ft.	C.ft.	C.ft.
Central	9,62,000	9,98,000	+ 36,000
Oudh	18,58,000	41,02,000	+22,44,000
School	9,14,000	8,05,000	—1,09,000
Total ...	37,34,000	59,05,000	+21,71,000

Firewood.

Circle.	1893-94.	1894-95.	Difference in 1894-95.
	C.ft.	C.ft.	C.ft.
Central	40,56,000	40,18,000	— 38,000
Oudh	25,15,000	49,21,000	+24,06,000
School	19,45,000	18,63,000	— 82,000
Total ...	85,16,000	1,08,02,000	+22,86,000

Minor produce.

Circle.	1893-94.	1894-95.	Difference in 1894-95.
	Rs.	Rs.	Rs.
Central	2,61,678	2,77,862	+16,184
Oudh	1,46,178	1,04,090	— 42,088
School	73,236	70,314	— 2,922
Total ...	4,81,092	4,52,266	— 28,826

Reviewing the results by Circles, the falling off in the Kumaun Division, which seems to have occurred under almost every description of produce, alone militated against the outturn of the year in the Central Circle being exceptionally large. As it was, the outturn of timber and minor produce (including bamboos) shows an increase, the outturn of firewood alone showing a small decrease.

The Oudh Circle returns show very large increases in the outturn of both timber and firewood, the bulk of which (54,40,419 cubic feet in 1894-95, as compared with 12,33,887 cubic feet in 1893-94) appears to have been derived from improvement and coppice fellings in the Gorakhpur Division. If these figures are to be taken as correct, it is not understood how the net profits (neglecting the cost of establishments

under B) of the Gorakhpur Division for 1894-95 under timber and firewood is shown to aggregate Rs. 52,691 only as compared with Rs. 61,877 in the previous year. The timber and firewood removed by purchasers alone in this division during 1894-95 is put down at 43,12,176 cubic feet, while the receipts derived from the same source are shown at Rs. 13,940 only, as compared with Rs. 5,060 obtained in the previous year for the small quantity of 2,54,845 cubic feet. Evidently there is some serious mistake here in the Oudh figures, and the Conservator will be called upon to furnish a special report on the subject.

On the other hand, the value in the outturn of minor produce from the Oudh forests during the year fell 29 per cent., and the reasons for this are not clearly given in the Conservator's report.

In the School Circle decreased outturns appear under every head, but this is explained by the Conservator, who points out that the falling off under timber and firewood occurs under "Drift and waif wood" and "Material removed by rightholders and under privileges," the former of which fetches but little revenue and the latter no revenue at all. Of the valuable deodar timber, and also of chír, there was a much larger outturn during the year from the forests of the School Circle, and at considerably higher prices than usual.

15. *Financial.*—The financial results of the year (1st July 1894 to 30th June 1895) were—

		Rs.
Receipts		16,64,743
	Rs.	
Expenditure, A (Conservancy and works) ...	5,72,799	9,69,211
Ditto, B (Establishments) ...	3,96,412	
Surplus ...		6,95,532

These compare, Circle by Circle, with the figures of the previous forest year, and with the average of the previous five financial years (1888-89—1892-93), as follows:—

Circle.	*Receipts.*			*Expenditure.*			*Surplus.*		
	Average of five financial years, 1888-89 to 1892-93.	Forest year, 1893-94.	Forest year, 1894-95.	Average of five financial years, 1888-89 to 1892-93.	Forest year, 1893-94.	Forest year, 1894-95.	Average of five financial years, 1888-89 to 1892-93.	Forest year, 1893-94.	Forest year, 1894-95.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Central ...	5,59,615	5,81,877	6,20,783	2,64,856	3,17,659	3,61,682	2,94,759	2,64,218	2,59,101
Oudh ...	6,98,038	6,76,417	6,09,509	3,81,887	3,37,807	3,12,659	3,16,151	3,39,110	2,96,850
School ...	3,82,124	3,78,431	4,34,451	2,74,151	3,02,629	2,94,870	1,07,973	75,802	1,39,581
Total for the Province.	16,39,777	16,36,725	16,64,743	9,20,894	9,57,595	9,69,211	7,18,883	6,79,130	6,95,532

The gross receipts of the provinces thus show a progressive increase, and the surplus of the year under review is in excess of that of the previous year; but the expenditure of the three Circles has grown even faster than their revenues, and the result is that the net profits for 1894 95, though an improvement on those for 1893-94, are some Rs. 23,000 below the average of the previous five years. As noticed further back in this review, in reference to the failure to dispose of the sál timber in the Kumaun Division, short fellings have to account to some extent for the present state of things, and—to repeat the remarks made last year—" unless the proper measures are taken to exploit and dispose of the possible yield, the receipts will show even a more marked decrease when the accumulated stocks in Oudh come to be exhausted," and it may be added : " when the increases applied for to the forest and office establishments of the Department have been sanctioned by the Government of India."

The value of timber and other forest produce in stock at the beginning and close of the year and the net summary of the year's financial transactions are shown in the following two statements :—

	Central.	Oudh.	School.
	Rs.	Rs.	Rs.
At beginning of year	10,661	3,14,221	2,59,045
At close of year	22,866	83,204	2,27,738
Total ...	+12,205	—2,31,017	—31,307
Cash surplus...	2,59,101	2,96,850	1,39,581
Increase or decrease of stocks in hand	+26,501	—2,13,548	—28,430
Increase or decrease of debts due	—2,028	—31,753	—944
Total ...	+2,83,574	+51,549	+1,10,207

From these it is evident that the accumulated stocks in the Oudh Circle are on the eve of disappearing, and it is a question whether, when they have disappeared, this Circle will continue to yield even its present revenue. It is doubtless sound policy to get rid as far as possible of the decaying stock collected in depôts before attacking the standing trees, and this circumstance, coupled with the growing facilities for export afforded by the new railways, affords room for hope that the Oudh forest administration will continue to show a satisfactory balance sheet.

16. *Administration.*—The charge of the Central Circle was held by Mr. Hill for half the year, by Colonel Campbell for about two months, and by Mr. Dansey, the writer of the report, for the concluding four months of the year.

Mr. Eardley-Wilmot was in charge of the Oudh Circle throughout the year, but the report of his Circle was written by Colonel Campbell, who took temporary charge of the Circle (during Mr. Wilmot's absence on privilege leave) in July 1895.

The School Circle was in charge of Mr. Gamble throughout the year, but its annual administration report was written by Mr. Smythies, the former officer having proceeded on short leave in August 1895.

All three Conservators continue to anxiously await the long pending sanction to the re-organization of their subordinate staff, the proposals in connection with which were submitted to the Government of India as far back as 1891. As remarked by Mr. Dansey, the Conservator of the Central Circle, "it is only found possible to carry on the work of the Department by the entertainment of an excessive temporary establishment, on the rolls of which are borne at the present moment forest rangers having the higher standard certificate of the Forest School, whose position is thus an anomalous one." With working plans in force at all points requiring the presence of a sufficient, a well trained, and a well paid establishment to execute their provisions, the present state of things is certainly unsatisfactory and must to some extent affect injuriously the revenue of the three Circles.

The reports under review contain, on the whole, a sufficiently satisfactory record. The gross receipts of the Central and School Circles are the highest yet recorded. The expenditure has no doubt also increased, but it is the cost of much useful work which adds to the value of the forest estates. The continued efforts made for the protection of the forests from fire were during the year under report crowned with an extraordinary degree of success, a success which must have added enormously to the stock of young trees and to the capacity of the forests for meeting the growing requirements of the country.

The acknowledgements of the Government are due to the Conservators for the energy and ability which have marked their administration.

J. J. D. LATOUCHE,

Chief Secy. to Govt., N.-W. P. and Oudh.

No. $\frac{3}{\text{XIV}-\frac{772\text{A}}{1}}$.

ORDER.—Ordered that a copy of the above Resolution (with copy of report) be forwarded to the Conservators of Forests, Central, Oudh, and School Circles, for information and guidance.

No. $\frac{4}{\text{XIV}-\frac{772\text{A}}{1}}$.

Ordered also that a copy (with copy of report) be forwarded to the Commissioners of the Meerut, Benares, Gorakhpur, Rohilkhand, Allahabad, Kumaun, Lucknow, and Fyzabad Divisions, for information.

No. $\frac{5}{\text{XIV}-\frac{772\text{A}}{1}}$.

Ordered also that a copy (with copy of report) be forwarded to the Comptroller-General, Forest Branch, for information.

No. $\frac{6}{\text{XIV}-\frac{772\text{A}}{1}}$.

Ordered also that a copy (with copy of report) be forwarded to the Inspector-General of Forests to the Government of India, for information.

By order, &c.,

P. HARRISON,

Under-Secy. to Govt., N.-W. P. and Oudh.

No. $\frac{581}{380-3}$-F., dated Simla, the 2nd July 1896.

From—DENZIL IBBETSON, Esq., C.S.I., Officiating Secretary to the Government of India, Revenue and Agricultural Department,

To—The Chief Secretary to the Government of the North-Western Provinces and Oudh.

I am directed to acknowledge the receipt of Mr. Harrison's letters marginally noted, forwarding the Progress Reports on the administration of the Forest Department in the North-Western Provinces and Oudh for the forest year 1894-95, together with His Honour the Lieutenant-Governor's review.

No. 680, dated 22nd November 1895.
No. 17, dated 7th January 1896.

2. The constitution of the State forest properties in the North-Western Provinces and Oudh, so far as they are under the administration of the Forest Department, is nearing its completion. But little remains to be done as regards settlements, and the remarks made on this subject in the Lieutenant-Governor's review have been read with interest and approval. It is gathered from the annual statements appended to the reports that the demarcation of the forests (Form No. 48), for which the settlement has been finished, is practically completed in all divisions but Jaunsar, where 131 miles of boundary areas remain to be demarcated; and that the area which remained unsurveyed at the end of the year (Form No. 49) amounted to 337 square miles only. Of this, moreover, 128 square miles, comprised in the Bahraich and Gonda divisions, were nearly completed during the year. In the Central Circle the unsurveyed area amounted to 35 square miles, and in the School Circle to 2 square miles. The Gorakhpur forests (172 square miles), in Oudh, are therefore the only important areas in which surveys have not as yet been begun.

3. Regular working-plans have been prepared for the majority of the more important forests in charge of the Forest Department (Form No. 50). The areas to which they have not as yet been extended amount to 362 square miles in the Central Circle, of which the Bundelkhand forests are responsible for 308 square miles; to 136 square miles in Oudh, comprising the Gonda forests; and to 97 square miles in the School Circle. Of these last, 84 square miles are situated in the Jaunsar division.

The areas for which no regular working-plans have been framed as yet include 98 square miles of protected, unclassed and leased forests, and generally speaking the Government of India are well satisfied with the progress made in bringing the State forests under regular management, though they would suggest that advantage might be taken of Mr. Moir's long experience in the Jaunsar forests to complete the working-plans in that division.

4. The facts noticed in the last two paragraphs constantly lead the working of the department into a more regular groove, and by thus facilitating the general administration, allow the divisional officers to devote more of their time to questions of sylviculture, and of the exploitation and disposal of produce,

This fact, as His Honour remarks, renders an efficient and well-trained subordinate establishment more indispensable than ever, in order to carry out the prescriptions of the working-plan with intelligence and care. It is, under these circumstances, to be regretted that even forest rangers have still to be employed on the temporary establishment.

5. With regard to the exploitation under working-plans, the Government of India agree in the principle laid down by the Lieutenant-Governor that the Conservators should endeavour to dispose of the whole outturn which has been fixed by such plans as the possibility of any forest, even though the prices realisable may be somewhat below the rates previously current. In consideration, however, of the facts pointed out in His Honour's review, that the further opening out of the forests by light railways may be expected sooner or later especially in the Central Circle, and that the stocks accumulated in former years in the Oudh depôts have almost disappeared, the failure to dispose of the whole possible outturn of the Kumaun forests seems not to be an unqualified evil, and may even prove to be an advantage, not merely from a fiscal point of view, but as supplementing the temporarily short outturn from other localities.

6. It is, moreover, a fact that the transport of timber very frequently represents a much larger proportion of its cost to the consumer, than does its original price in the forest, and that the interests of the public are often better served by attention to export lines, than by a reduction in timber rates. With this fact in view, the Government of India are gratified to observe that a sufficient percentage of the forest revenue is devoted to this purpose, and that great attention is being paid to opening out the forests by roads and to connecting them with the general road and railway systems of the province.

The continuance of a steady outturn, in regard to which the Government of India have every reason to share the hopes expressed by the Lieutenant Governor, will to a great extent be due to the admirable development of export lines, in which respect the North-Western Provinces and Oudh take the first place amongst all provinces. It is believed that this development will, by rendering even inferior material saleable, go far to counteract the effects of the ill-regulated and wasteful exploitation to which many forests were originally subjected when, in order to show good financial results, only the very best trees were felled and the best timber was extracted; and that it will probably continue to secure favourable financial results in all circles, Oudh included.

7. The Government of India notice with satisfaction that the question of regulating and restricting grazing in the Siwalik forests is receiving attention. In the corresponding hills of the Hoshiarpur District in the Punjab, the unrestricted cutting of fuel and grazing of buffaloes and browsing animals have resulted in the almost total disappearance of wood and grass, and in the most serious injury to the highly-cultivated plains below; for the protection of which costly measures are now to be undertaken, the necessity for which might have been avoided had timely regulation been possible.

8. The outturn of the year is fully analysed in the Local Government's review.

The financial results for the forest year, as well as for the financial year, and the proportion of surplus to gross revenue are exhibited in the following table :—

Year.	Circle.	Receipts.	Charges.	Surplus.	Proportion of Surplus to Gross Receipts.
		Rs.	Rs.	Rs.	Per cent.
Forest year (1st July to 30th June).	Central	6 20,783	3,61,682	2,59,101	41·7
	Oudh	6,09,509	3,12,659	2,96,850	48·7
	School	4,34,451	2,94,870	1,39 581	32 1
	Total in 1894-95 ...	16,64,743	9,69,211	6,95,532	41·8
	„ „ 1893-94 ...	16,36,725	9,57,595	6,79,130	41·5
	Difference in 1894-95 ...	+ 28,018	+ 11,616	+ 11,616	+ 0·3
Financial year ...	Central	6,27,622	3,26,047	3,01,575	48·0
	Oudh	6,04,914	3,16,380	2,88,534	47·7
	School	4,25,712	2,95,478	1,30,234	30·6
	Total in 1894-95 ...	16,58,248	9,37,905	7,20,343	42·2
	„ „ 1893-94 ...	17,09,860	9,63,020	7,46,840	43 7
	Difference in 1894-95 ...	— 51,612	— 25,115	— 26,497	— 1·5
	Average for the 5 years ending 1893-94.	16,89,190	9,46,423	7,42,767	44·0

There has been a falling off of 1·8 per cent. in the proportion of surplus to gross revenue, as compared with the average of the last five years; but the proportion itself is by no means unsatisfactory, if the fact is taken into consideration that produce to a considerable amount is disposed of gratis.

In Prussia this percentage varied during 15 years between 35 and 52, with an average of 45·25.

His Honour has pointed out that, calculated at the present rates for grazing, which are moderate, the revenue foregone on account of cattle grazing free or at reduced rates amounted to about Rs. 80,000; while other minor forest produce to the value of about Rs. 9,000 was, according to Form No. 58, disposed of gratis, as well as 13,00,000 cubic feet of timber and 40,47,000 cubic feet of firewood, as shown in Form No. 57. The price realised for timber removed by purchasers averaged 2 annas and 5 pies per cubic foot, and for fuel about Rs. 10 per 1,000 cubic feet; so that Rs. 1,30,000 and Rs. 40,000 respectively are moderate estimates of the value of timber and fuel removed free of charge. From the above figures it follows that the North-Western Provinces and Oudh forest reserves supplied 13·5 per cent. of their gross outturn free of charge.

9. In 1879-80, 425 cases were taken into Court; in 1884-85, 238; in 1889-90, 106; and in the year under review 96 cases. The percentage of convictions has emained fairly constant at somewhat over 80 per cent. There is every reason to

believe that forest protection is not less efficient now than it was years ago, and therefore the decrease in the number of prosecutions justifies the assumption that breaches of the forest law are becoming less and less frequent.

The same satisfactory and steady progress is noticeable in regard to fire-protection. In 1879-80, 20 per cent. only of the area under the Forest Department was protected at a cost of Rs. 34 per square mile; in 1884-85, the area protected had risen to 34 per cent. and the cost been reduced to Rs. 33 per square mile; in 1889-90, 60 per cent. was protected; and in the year under review, 78·8 per cent. at a cost of Rs. 18 per square mile. The cost-rate and the proportion of total area successfully protected must necessarily vary within certain limits with the nature of the season, but the steady progress during the last fifteen years has been remarkable.

10. The Governor-General in Council has read the reports with pleasure, and notices with satisfaction the steady advance of a sound and systematic forest administration in the North-Western Provinces and Oudh. He directs me to acknowledge the good services of the Conservators and the officers serving under them, and to thank His Honour the Lieutenant-Governor for his exhaustive and able review of the year's work.

Appendix showing the discrepancies noticed in the North-Western Provinces and Oudh Forest Report for 1894-95.

CENTRAL CIRCLE.

According to the detailed figures given, there were 43,222, and not 33,222, buffaloes grazed on payment at full rates in the three Circles.

OUDH CIRCLE.

FORM NO. 60-A. (FOOT-NOTE.)

(Value of timber and other forest produce at depôt.)

The net difference (Rs. 17,469) was in favour of, and not against, the year 1894-95.

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